



# Metadata and Encoding Standards for Digital Initiatives: An Introduction

Maureen P. Walsh, The Ohio State University Libraries

# Part One

# Non-MARC Encoding Standards

# Standard Generalized Markup Language (SGML)

- an international standard for the description of marked-up electronic text
- a meta-language - a means of formally describing a language (in this case, a *markup language*)

ISO 8879:1986 Information processing -- Text and office systems -- Standard Generalized Markup Language (SGML)

# SGML Derivatives

- HyperText Markup Language (HTML)
  - HTML was designed to display data and to focus on how data looks
- Extensible Markup Language (XML)
  - XML was designed to describe data and to focus on what data is

“XML ... has become the de-facto standard for representing metadata descriptions of resources on the Internet.”

Hunter, Jane (2003) Working towards MetaUtopia: A Survey of Current Metadata Research. *Library Trends* 52(2):318-344 [http://eprint.uq.edu.au/archive/00004569/01/LibTrends\\_paper.pdf](http://eprint.uq.edu.au/archive/00004569/01/LibTrends_paper.pdf) retrieved October 16, 2007

October 29, 2007

KSU-SLIS Organization of Information 60002-004

# Why XML?

# Why XML?

- Non-Proprietary / Interoperability / Platform Neutrality
- Data Longevity / Data Persistence / Future-Proofing
- Separation of Content from Display and Functionality / Repurposing
- Extensibility
- Advanced Linking Techniques
- Universal Character Set / Internationalization

Miller, D.R.; Clarke, K.S. 2004. Putting XML to work in the library: Tools for improving access and management. Chicago: American Library Association



# What is XML?

# XML

- **X**  $\Rightarrow$  **eXtensible**
  - can be extended and adapted
- **M**  $\Rightarrow$  **Markup**
  - data is marked up with tags
- **L**  $\Rightarrow$  **Language**
  - meta-language (a language in which other languages are created)

XML  $\Rightarrow$  Language

DTDs/XML Schema  $\Rightarrow$  Grammar

# Document Type Definition (DTD)

- A DTD defines the legal building blocks of an XML document
- A DTD defines the document structure with a list of legal elements and attributes
- A DTD can be declared inline inside an XML document or as an external reference

# XML Schema

- Richer and more powerful than DTDs
- Provide a means for defining the structure, content, and semantics of XML documents in more detail
- Extensible to future additions
- Written in XML

# XML in the Digital Library Community\*

- [METS \(Metadata Encoding & Transmission Standard\)](#) - Structure for encoding descriptive, administrative, and structural metadata
- [MODS \(Metadata Object Description Standard\)](#) - XML markup for selected metadata from existing MARC 21 records as well as original resource description
- [PREMIS \(Preservation Metadata\)](#) - A data dictionary and supporting XML schemas for core preservation metadata needed to support the long-term preservation of digital materials
- [MIX \(NISO Metadata for Images in XML\)](#) - XML schema for encoding technical data elements required to manage digital image collections

\*Selected examples

October 29, 2007

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## Metadata Encoding & Transmission Standard

- The METS schema is a standard for encoding descriptive, administrative, and structural metadata regarding objects within a digital library, expressed using the XML schema language of the World Wide Web Consortium
- The standard is maintained in the Network Development and MARC Standards Office of the Library of Congress, and is being developed as an initiative of the Digital Library Federation

## Metadata Encoding & Transmission Standard

- METS records the (possibly hierarchical) structure of digital objects, the names and locations of the files that comprise those objects, and the associated metadata
- METS is a container for metadata and file pointers
- A METS document may be a unit of storage or a transmission format
- METS is extensible and modular, using “wrappers” or “sockets” where elements from other schemas can be plugged in
- METS can wrap the content of a digital entity as binary data, as well as all associated descriptive and administrative metadata
- METS uses the XML Schema facility for combining vocabularies from different Namespaces

R. Guenther (2007): [Using Metadata Standards in Digital Libraries: Introduction to METS, MODS, PREMIS and MIX](#)





## Metadata Encoding & Transmission Standard

- Provides a framework for holding all types of metadata for digital objects
- Does not prescribe content of metadata but recommends a number of schemes

## *METS* Extension Schemas

- Descriptive Metadata
  - Dublin Core
  - MODS (Metadata Object Description Schema)
  - MARCXML (MARC 21 XML Schema)

## *METS* Extension Schemas

- Administrative Metadata
  - MIX (NISO Metadata for Images in XML Schema)
  - METSRights.xsd (Schema for Rights Declaration)
  - textmd.xsd (Schema for Technical Metadata for Text)
  - PREMIS schemas (Preservation Metadata)



## Metadata Object Description Schema

- MODS is a schema for a bibliographic element set expressed using the XML schema language of the World Wide Web Consortium
- It is intended to be able to carry selected data from existing MARC 21 records as well as to enable the creation of original resource description records
- The standard is maintained by the Network Development and MARC Standards Office of the Library of Congress with input from users

## *MODS* Metadata Object Description Schema

- An XML descriptive metadata standard
- A derivative of MARC
  - Uses language based tags
  - Contains a subset of MARC data elements
  - Repackages elements to eliminate redundancies
- MODS does not assume the use of any specific rules for description
- Element set is particularly applicable to digital resources

R. Guenther (2007): [Using Metadata Standards in Digital Libraries: Introduction to METS, MODS, PREMIS and MIX](#)

## Advantages of METS/MODS-based approach

- Ability to model complex objects
- Easy to change, extend (both the data and the application)
- Non-proprietary software tools
- Common syntax: XML for data creation/editing/storage/searching
- Output to HTML, PDF for display
- Easy to edit single records or selected batches of records
- Ability to validate data
- Ability to aggregate disparate data sources
- METS for OAI harvesting

Morgan Cundiff (2006) : [Using METS and MODS to Create an XML Standards-based Digital Library Application](#)



- A data dictionary for metadata to support the long-term preservation of digital objects
  - A piece of the necessary infrastructure for implementing reliable, sustainable preservation programs
- A supporting set of XML schema for implementation in a variety of contexts
- A maintenance activity hosted at LC including an Implementers' Group and Editorial Committee

R. Guenther (2007): [Using Metadata Standards in Digital Libraries: Introduction to METS, MODS, PREMIS and MIX](#)



- Preservation metadata is information that supports and documents the digital preservation process:
  - **Provenance:** Who has had custody/ownership of the digital object?
  - **Authenticity:** Is the digital object what it purports to be?
  - **Preservation Activity:** What has been done to preserve the digital object?
  - **Technical Environment:** What is needed to render and use the digital object?
  - **Rights Management:** What intellectual property rights must be observed?

<http://www.loc.gov/standards/premis/information-sheet.pdf>





Preservation metadata makes digital objects  
self-documenting across time

<http://www.loc.gov/standards/premis/information-sheet.pdf>



- MIX is an XML schema for a set of technical data elements required to manage digital image collections. The schema provides a format for interchange and/or storage of the data specified in the Data Dictionary - Technical Metadata for Digital Still Images (ANSI/NISO Z39.87-2006)
- MIX is expressed using the XML schema language of the World Wide Web Consortium
- MIX is maintained for NISO by the Network Development and MARC Standards Office of the Library of Congress with input from users



- An XML Schema designed for expressing technical metadata for digital still images
- Based on the NISO Z39.87 Data Dictionary – Technical Metadata for Digital Still Images
- Used to express attributes of digital images such as file format, file size, dimensions, resolution, compression, etc.
- Can be used standalone or as an extension schema with METS

R. Guenther (2007): [Using Metadata Standards in Digital Libraries: Introduction to METS, MODS, PREMIS and MIX](#)

# Using METS, MODS, PREMIS, and MIX

The Library of Congress presents ...

## Music, Theater & Dance

home » [photograph brief display](#)

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**[Portrait of Louis Armstrong, between 1938 and 1948] / William P. Gottlieb [photograph]**



**Title**  
[Portrait of Louis Armstrong, between 1938 and 1948]  
[photograph]

**Creator**  
Gottlieb, William P., 1917-

**Place of Publication/Creation**  
United States

**Date issued**  
1938-1948. 1938-1948.(questionable)

**Physical Description**  
1 negative : b&w ; 3 1/4 x 4 1/4 in.

**Repositories**  
Library of Congress Prints & Photographs Division  
Washington D.C. 20540 USA  
Library of Congress Prints & Photographs Division  
Washington D.C. 20540 USA

**Photograph Views:**

- » **Brief Display**
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**Versions:**

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- » [Contact print with annotations](#)

[Display XML](#) » [MODS Bibliographic Data](#) » [METS Object Description](#)

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The Library of Congress » Digital Collections and Programs  
August 3, 2007

**Reading Room Contacts:** Performing Arts  
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<http://lcweb2.loc.gov/diglib/ihas/loc.natlib.gottlieb.09601/default.html>

<http://www.loc.gov/standards/premis/louis.xml>

# Part Two

# Using Dublin Core and XML in an Institutional Repository

# Dublin Core - Encoding Syntax Independent

- HTML and XHTML
  - [Expressing Dublin Core in HTML/XHTML meta and link elements](#)
- XML
  - [Guidelines for Implementing Dublin Core in XML](#)
- RDF/XML
  - [Expressing Simple Dublin Core in RDF/XML](#)
  - [Expressing Qualified Dublin Core in RDF/XML](#)

# Institutional Repositories



# Institutional Repository


- "... a set of services ... for the management and dissemination of digital materials created by the institution and its community members."
- "... an organizational commitment to the stewardship of ... digital materials, including long-term preservation where appropriate, as well as organization and access or distribution."

Source: Lynch, Clifford. "Institutional Repositories: Essential Infrastructure for Scholarship in the Digital Age." *ARL Bimonthly Report*, No. 226, February 2003. <http://www.arl.org/newsltr/226/ir.html> Retrieved 09-10-2007

# Interoperability

## Interoperability through Metadata Exchange

### Open Archives Initiative Protocol for Metadata Harvesting (OAI-PMH)



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Open Archives Initiative -> Home

### Standards for Repository Interoperability

The Open Archives Initiative develops and promotes interoperability standards that aim to facilitate the efficient dissemination of content. OAI has its roots in the open access and institutional repository movements. Continued support of this work remains a cornerstone of the Open Archives program. Over time, however, the work of OAI has expanded to promote broad access to digital resources for eScholarship, eLearning, and eScience.

#### Current OAI Projects

- [Protocol for Metadata Harvesting \(OAI-PMH\)](#)
  - [OAI-PMH Version 2 Specification](#)
  - [OAI-PMH Implementation Guidelines](#)
  - [OAI-PMH Tools](#)
- [Object Reuse and Exchange \(OAI-ORE\)](#)
  - [OAI ORE Press Release](#)





#### Contact us

- [openarchives@openarchives.org](mailto:openarchives@openarchives.org)
- [oai-general mail list](#)

#### News from the OAI Community

- [Report of the May 2007 ORE-TC Meeting](#) - The focus of the meeting was building consensus on named graphs as a underlying model for expressing compound object information.
- [Report of the January 2007 ORE-TC Meeting](#) - A detailed report of the results of the meeting of OAI-ORE Technical Committee describing features and requirements of the ORE model and its context in the Web Architecture.
- [OAI Object Reuse and Exchange](#) - Thanks to a generous grant from Mellon, OAI-ORE will over the next two years develop standards for exchange of information about digital object in distributed repositories.
- [Interoperability across scholarly repositories](#) - A meeting was held in April, sponsored and supported by Microsoft, the Andrew W. Mellon Foundation, the Coalition for Networked Information, the Digital Library Federation, and JISC. Visit the meeting page or read the Final Report (09/06) .
- [News Archive](#)

Support for Open Archives Initiative activities has come from the Andrew W. Mellon Foundation, the Coalition for Networked Information, the Digital Library Federation, Microsoft Corporation and from the National Science Foundation (IIS-9817416 and IIS-0430906).

# Discoverability

## Searching Repository Content

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Search our test portals -- [DLF](#), [MODS](#) -- to use features we're researching.

**Tips:**

If you enter more than one word in a search box, the words will be treated as a phrase and searched together, e.g., entering *fancy dress* will find records that have the word *fancy* next to *dress*. No quotations are necessary.

Use an asterisk with a word stem to find variations on the word, e.g., searching for *civ\** will match *civ*, *civil*, *civic*, *civilization*, and *civilian*.

Authors may be in inverted order, e.g., if *emily dickinson* doesn't return results, try *dickinson emily*.

See [search help](#) for more tips.

See [issues regarding access](#) to records and digital objects.

**Search within fields** [\(help\)](#)  
Use a word or phrase, e.g., diploma\*, fancy dress


Entire Record	<input type="text"/>	And
Entire Record	<input type="text"/>	And
Entire Record	<input type="text"/>	

**Limit by resource type** [\(help\)](#)  
Choose one or more

all types  
text  
image  
audio

**Choose sorting of results** [\(help\)](#)  
e.g., results in date descending order, from 2002 to 1999

weighted hit frequency



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# CARL/ABRC OAI Harvester

Home



**CARLABRC**

**Harvester Stats**

The CARL/ABRC OAI Harvester currently has **40647** records from **13** archives indexed, and is updated daily.



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## CARL/ABRC OAI Harvester

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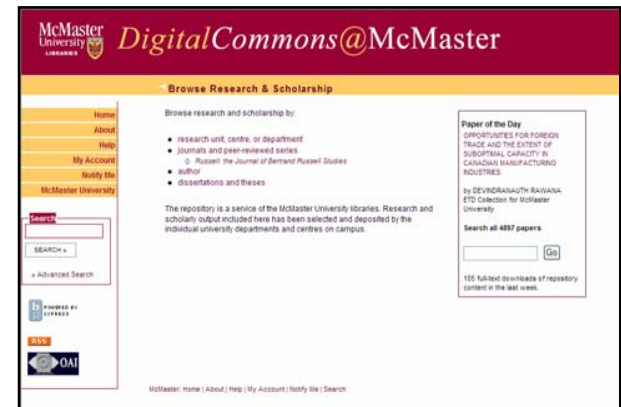
Archimède



EPrints



bepress





## ResearchNow

The screenshot displays the ResearchNow website, which is part of The Berkeley Electronic Press (bepress). The header features the 'bepress' logo and the tagline 'the new standard in scholarly publishing since 1999'. A navigation bar includes links for 'bepress Home', 'My Account', 'Journals' (highlighted), 'Subscriptions', 'bepress Services', and 'About bepress'.

The main content area is titled 'ResearchNow' and describes it as an extensive digital library providing access to [bepress journals](#), [institutional repositories](#), [working papers](#), and [more](#). It also mentions search capabilities for journals and working paper series, subject browsing, and personalized citation delivery.

Key statistics are displayed in a box:

- 170,539 papers to date.
- 13,603,897 full-text downloads to date.
- 6,297,668 downloads in the past 365 days.

A search bar with an 'Enter' button and a magnifying glass icon is located below the statistics.

On the right side, there are two sections: 'FEATURED publication' with a link to 'The Forum', and 'POPULAR destinations' with links to 'The Economists' Voice', 'bepress Legal Repository', 'COBRA: Collection of Biostatistics Research Archive', and 'List of All Journals'.

At the bottom, a copyright notice states: 'Copyright © 1999-2007 The Berkeley Electronic Press™ All rights reserved.' with links to [Jobs](#), [Terms of Service](#), [Copyright](#), [Privacy](#), and [Sitemap](#).

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OpenDOAR is pleased to present a trial search service for the full-text of material held in open access repositories listed in the Directory. This has been made possible through the recent launch by Google of its [Custom Search Engine](#), which allows OpenDOAR to define a search service based on the Directory holdings.

Users of this service can search through the world's repositories of freely available research information, with the assurance that each of these repositories has been assessed by OpenDOAR staff. This quality controlled approach will minimise (but not eliminate!) spurious or junk results, and lead more directly to useful and relevant information.

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Search

Clear

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To search for open access *repositories* rather than their content, please use the [Find](#) page.

This service does not use the OAI-PMH protocol, or the metadata held within repositories. Instead, it relies on Google's indexes, which in turn rely on repositories being suitably structured and configured for the Googlebot web crawler. If you are an administrator and your material is not being retrieved, first check that your repository is listed in [OpenDOAR](#). If it is listed, you may need to review your set-up against Google's [Guidelines for Webmasters](#) and see the related pages in the [Webmaster Help Center](#), especially the FAQ on [how Google crawls sites](#). There is also excellent advice on [How to Facilitate Google Crawling](#) prepared by [Peter Suber](#).

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## The Ohio State University's Institutional Repository

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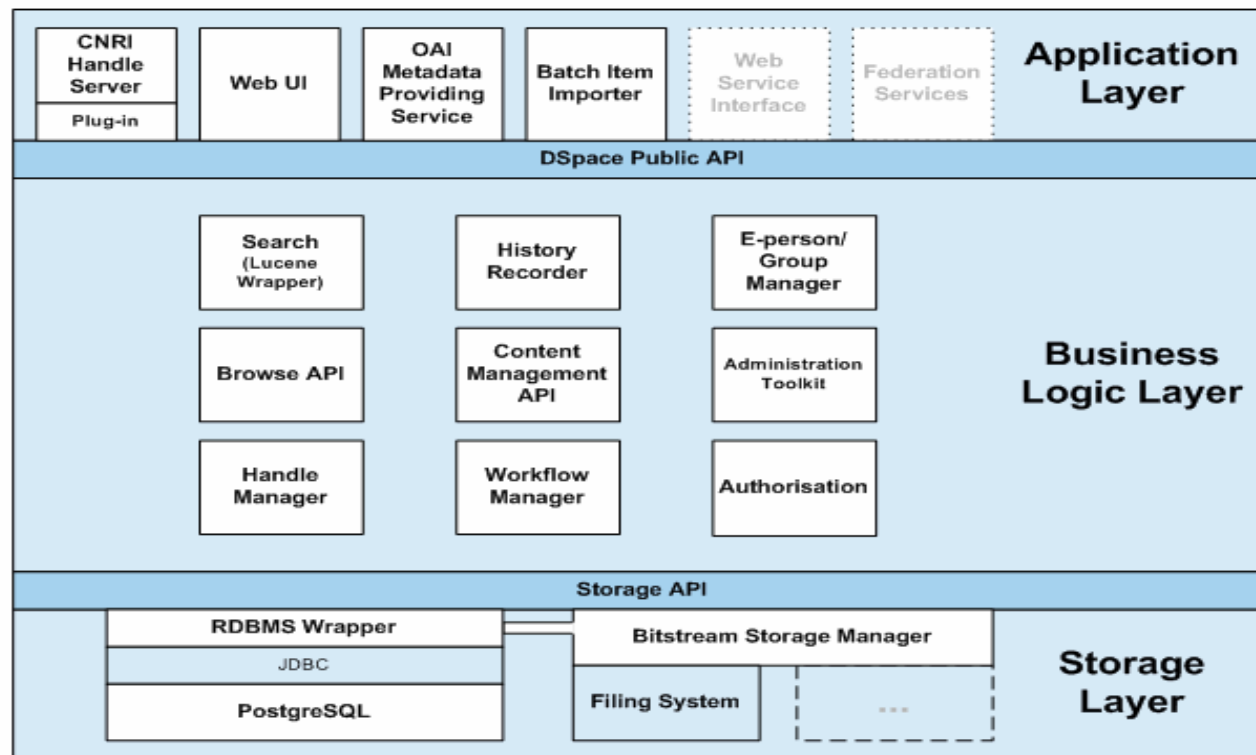
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# Software

# DSpace Captures, Indexes, Preserves, and Distributes

## Architecture Diagram



Source: <http://libraries.mit.edu/dspace-mit/technology/architecture-diagram.html> Retrieved 09-10-2007

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# Metadata

## KB Metadata Application Profile

The Ohio State University Libraries Technical Services Division

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**The Ohio State University Libraries  
Policies and Procedures  
Technical Services**

Title: OSU Knowledge Bank Metadata Application Profile  
 Creator: The Ohio State University Knowledge Bank Policy Committee  
 1000help@list.acs.ohio-state.edu  
 (614) 292-6151  
 Audience: OSU Libraries  
 Date Issued: 2004-6-18  
 Date Modified: 2006-06-28  
 Identifier:  
 Replaces: Not applicable  
 Is Replaced By: Not applicable  
 Latest Version: 1.0  
 Status of Document: This is an OSU Knowledge Bank recommendation.  
 Description of Document: This application profile recommends the implementation of a core set of metadata elements and Dublin Core Metadata Element Set mappings (<http://www.dublincore.org>) for use in projects in the OSU Knowledge Bank.

**OSU Knowledge Bank Metadata Application Profile**

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- Core set of metadata elements and Dublin Core Metadata Element Set mappings to
  - improve retrieval accuracy and resource discovery
  - facilitate multi-institutional interoperability and quality control
  - comply with the Open Archives Initiative Protocol for Metadata Harvesting
  - enable collection migration, import & export between the Knowledge Bank and other systems as necessary

# Knowledge Bank Communities

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  - [Accounting Hall of Fame Members](#)
  - **[Institute on Accounting](#)**
    - [Conference Proceedings](#)
- **[American Indian Studies at the Ohio State University](#)**
  - [Lectures and Events](#)
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- **[Art and Science](#)**
  - [Learning objects that teach science using art](#)
- **[Austin E. Knowlton School of Architecture](#)**
  - [John H. Herrick Archives](#)
  - **[City and Regional Planning](#)**
    - [Yellow Springs Urban Design Studio \(CRP 724\)](#)
- **[Byrd Polar Research Center](#)**
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## Community Metadata Application Profile

KB OSU Press Publications CORE ELEMENT SET		
ELEMENT NAME	DEFINITION	EXAMPLE
Title	Title of book	Faith and action : a history of the Archdiocese of Cincinnati, 1821-1996
Creator(s)	Author(s) of book [MARC fields 100 and 700. Use form on catalog record]	Fortin, Roger A. (Roger Antonio), 1940-
Contributor(s)	Other contributors [MARC fields 110, 111, 710, 711. Use form on catalog record]	
Date of Issue	Publication year	2002
Publisher	Publisher	Ohio State University Press
Identifiers.ISBN	ISBN	0814209041
Identifiers.Other	OCLC Number [precede no. by: OCLC#]	OCLC #49663955
Identifiers.Other	LCCN [precede no. by LCCN]	LCCN 2002005665
Description dc.description	Extent of print item	xxii, 489 p. : ill. ; 23 cm
Description dc.description	Edition	2nd ed.
Language	Language(s) of the intellectual content	English
Type	Work type	book
Abstract dc.description.abstract	Abstract, if available	
Contents dc.description.tableofcontents	Contents. For example, TOC	The founding bishop : Edward Dominic Fenwick -- Laying a more secure foundation -- A new bishop for a growing diocese -- Immigrants and the growth of the diocese -- The local church in a non-Catholic society -- Religious and social issues -- The diocese under stress -- Catholic education and charitable works -- Religious and social issues -- Catholic action and diocesan growth -- Social issues -- Catholic education -- Impact of the Second Vatican Council -- Changes in the local church -- The post-Vatican II Archdiocese of Cincinnati
Series	Series title	Urban life and urban landscape series
Subjects. Keywords dc.subject	Keywords to enhance subject headings, if obvious	
Subjects (LCSH) dc.subject.lcsh	Subject heading (LCSH)	Catholic Church. Archdiocese of Cincinnati (Ohio) -- History

J:\Knowledge Bank\Metadata Documentation\MAPs\OSU Press Publications MAP.doc  
Last updated: 10-23-2007 -- mpw

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**Title:** The Ohio State University's Institutional Repository: How Policy Informs Practice  
**Creators:** Walsh, Maureen P.  
Connell, Tschera Harkness  
**Keywords:** DSpace  
Knowledge Bank  
preservation policies  
trusted digital repositories  
trustworthy repositories  
gap analysis  
Ohio State University -- Libraries  
**Issue Date:** 14-Sep-2007  
**Series/Report No:** OhioDIG 3rd Quarter Meeting 2007  
**Abstract:** Presentation on the Knowledge Bank, The Ohio State University's Institutional Repository, given at the 2007 OhioDIG (Ohio Digitization Interest Group) 3rd quarter Meeting held at The Ohio State University's Ackerman Library.  
**URI:** <http://hdl.handle.net/1811/29257>  
**Appears in Collections:** [OSU Research, Publications and Presentations](#)

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File	Description	Size	Format
<a href="#">OhioDIG_Presentation_Walsh_Connell_20070914.pdf</a>		937.66 KB	Adobe PDF <a href="#">View/Open</a>

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Full metadata record

DC Field	Value	Language
dc.creator	Walsh, Maureen P.	-
dc.creator	Connell, Tschera Harkness	-
dc.date.accessioned	2007-09-14T21:58:05Z	-
dc.date.available	2007-09-14T21:58:05Z	-
dc.date.issued	2007-09-14	-
dc.identifier.uri	<a href="http://hdl.handle.net/1811/29257">http://hdl.handle.net/1811/29257</a>	-
dc.description.abstract	Presentation on the Knowledge Bank, The Ohio State University's Institutional Repository, given at the 2007 OhioDIG (Ohio Digitization Interest Group) 3rd quarter Meeting held at The Ohio State University's Ackerman Library.	en
dc.format.extent	960163 bytes	-
dc.format.mimetype	application/pdf	-
dc.language.iso	en_US	en
dc.relation.ispartofseries	OhioDIG 3rd Quarter Meeting 2007	en
dc.subject	institutional repositories	en
dc.subject	DSpace	en
dc.subject	Knowledge Bank	en
dc.subject	preservation policies	en
dc.subject	trusted digital repositories	en
dc.subject	trustworthy repositories	en
dc.subject	gap analysis	en
dc.subject	Ohio State University -- Libraries	en
dc.title	The Ohio State University's Institutional Repository: How Policy Informs Practice	en
dc.type	Presentation	en

**Appears in Collections:** [OSU Research, Publications and Presentations](#)

**Files in This Item:**

File	Description	Size	Format
<a href="#">OhioDIG_Presentation_Walsh_Connell_20070914.pdf</a>		937.66 KB	Adobe PDF <a href="#">View/Open</a>

## KB Item (Simple Display)

# KnowledgeBank

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Please use this identifier to cite or link to this item: <http://hdl.handle.net/1811/29257>

**Title:** The Ohio State University's Institutional Repository: How Policy Informs Practice

**Creators:** Walsh, Maureen P.  
Connell, Tschera Harkness

**Keywords:** institutional repositories  
DSpace  
Knowledge Bank  
preservation policies  
trusted digital repositories  
trustworthy repositories  
gap analysis  
Ohio State University -- Libraries

**Issue Date:** 14-Sep-2007

**Series/Report No:** OhioDIG 3rd Quarter Meeting 2007

**Abstract:** Presentation on the Knowledge Bank, The Ohio State University's Institutional Repository, given at the 2007 OhioDIG (Ohio Digitization Interest Group) 3rd quarter Meeting held at The Ohio State University's Ackerman Library.

**URI:** <http://hdl.handle.net/1811/29257>

**Appears in Collections:** [OSUL Research, Publications and Presentations](#)

**Files in This Item:**

File	Description	Size	Format
<a href="#">OhioDIG Presentation Walsh Connell 20070914.pdf</a>		937.66 kB	Adobe PDF <a href="#">View/Open</a>

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## KB Item (Full Display)

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Please use this identifier to cite or link to this item: <http://hdl.handle.net/1811/29257>

Full metadata record

DC Field	Value	Language
dc.creator	Walsh, Maureen P.	-
dc.creator	Connell, Tschera Harkness	-
dc.date.accessioned	2007-09-14T21:58:05Z	-
dc.date.available	2007-09-14T21:58:05Z	-
dc.date.issued	2007-09-14	-
dc.identifier.uri	<a href="http://hdl.handle.net/1811/29257">http://hdl.handle.net/1811/29257</a>	-
dc.description.abstract	Presentation on the Knowledge Bank, The Ohio State University's Institutional Repository, given at the 2007 OhioDIG (Ohio Digitization Interest Group) 3rd quarter Meeting held at The Ohio State University's Ackerman Library.	en
dc.format.extent	960163 bytes	-
dc.format.mimetype	application/pdf	-
dc.language.iso	en_US	en
dc.relation.ispartofseries	OhioDIG 3rd Quarter Meeting 2007	en
dc.subject	institutional repositories	en
dc.subject	DSpace	en
dc.subject	Knowledge Bank	en
dc.subject	preservation policies	en
dc.subject	trusted digital repositories	en
dc.subject	trustworthy repositories	en
dc.subject	gap analysis	en
dc.subject	Ohio State University -- Libraries	en
dc.title	The Ohio State University's Institutional Repository: How Policy Informs Practice	en
dc.type	Presentation	en

Appears in Collections: [OSUL Research, Publications and Presentations](#)

Files in This Item:

File	Description	Size	Format
<a href="#">OhioDIG Presentation Walsh Connell 20070914.pdf</a>		937.66 kB	Adobe PDF <a href="#">View/Open</a>

## KB Item Metadata

Schema	Element	Qualifier	Value	Language	
dc	creator		Walsh, Maureen P.		<a href="#">Remove</a>
dc	creator		Connell, Tschera Harkness		<a href="#">Remove</a>
dc	date	accessioned	2007-09-14T21:58:05Z		<a href="#">Remove</a>
dc	date	available	2007-09-14T21:58:05Z		<a href="#">Remove</a>
dc	date	issued	2007-09-14		<a href="#">Remove</a>
dc	identifier	uri	http://hdl.handle.net/1811/29257		<a href="#">Remove</a>
dc	description	abstract	State University's Institutional Repository, given at the 2007 OhioDIG (Ohio Digitization Interest Group) 3rd quarter Meeting held at The	en	<a href="#">Remove</a>
dc	description	provenance	Submitted by Maureen Walsh (walsh.260@osu.edu) on 2007-09-14T21:58:04Z No. of bitstreams: 1	en	<a href="#">Remove</a>
dc	description	provenance	Made available in DSpace on 2007-09-14T21:58:05Z (GMT). No. of bitstreams: 1 OhioDIG_Presentation_Walsh_Connell_20070914.pdf:	en	<a href="#">Remove</a>
dc	format	extent	960163 bytes		<a href="#">Remove</a>
dc	format	mimetype	application/pdf		<a href="#">Remove</a>
dc	language	iso	en_US	en	<a href="#">Remove</a>
dc	relation	ispartofseries	OhioDIG 3rd Quarter Meeting 2007	en	<a href="#">Remove</a>

dc	subject	institutional repositories	en	<a href="#">Remove</a>
dc	subject	DSpace	en	<a href="#">Remove</a>
dc	subject	Knowledge Bank	en	<a href="#">Remove</a>
dc	subject	preservation policies	en	<a href="#">Remove</a>
dc	subject	trusted digital repositories	en	<a href="#">Remove</a>
dc	subject	trustworthy repositories	en	<a href="#">Remove</a>
dc	subject	gap analysis	en	<a href="#">Remove</a>
dc	subject	Ohio State University -- Libraries	en	<a href="#">Remove</a>
dc	title	The Ohio State University's Institutional Repository: How Policy Informs Practice	en	<a href="#">Remove</a>
dc	type	Presentation	en	<a href="#">Remove</a>

dc contributor advisor  [Add](#)

### Bitstreams

**Note:** Changes to the bitstreams will not be automatically reflected in the Dublin Core metadata above (e.g. format.extent, format.mimetype). You will need to update this by hand.

Also note that if the "user format description" field isn't empty, the format will always be set to "Unknown", so clear the user format description before changing the format field.

Primary Bitstream	Name	Source	Description	Format	User Format Description	
<input type="radio"/>	OHIODIG20070914.pdf.txt	Written by MediaFilter.org	Extracted text	5 (Text)		<a href="#">View</a> <a href="#">Remove</a>
<input type="radio"/>	license.txt	Written by org.dspace.cor		2 (License)		<a href="#">View</a> <a href="#">Remove</a>
<input type="radio"/>	OHIODIG20070914.pdf	OHIODIG20070914.pdf		3 (Adobe PDF)		<a href="#">View</a> <a href="#">Remove</a>

## KB Input Forms DTD

```

1  <?xml version="1.0" encoding="UTF-8"?>
2  <!-- DSpace Custom Submit input form definition language -->
3
4  <ELEMENT input-forms (form-map, form-definitions, form-value-pairs) >
5
6  <ELEMENT form-map (name-map)* >
7  <ELEMENT name-map EMPTY >
8  <ATTLIST name-map
9  | collection-handle CDATA #REQUIRED
10 | form-name NMTOKEN #REQUIRED>
11
12 <ELEMENT form-definitions (form)+ >
13 <ELEMENT form (page)+ >
14 <ATTLIST form name NMTOKEN #REQUIRED>
15 <ELEMENT page (field)+ >
16 <ATTLIST page number NMTOKEN #REQUIRED>
17
18 <ELEMENT field (dc-schema, dc-element, dc-qualifier?, repeatable?, label, input-type, hint, required?) >
19
20 <ELEMENT dc-schema (#PCDATA) >
21
22 <ELEMENT dc-element (#PCDATA) >
23 <ELEMENT dc-qualifier (#PCDATA) >
24
25 <ELEMENT repeatable (#PCDATA) >
26 <ELEMENT label (#PCDATA) >
27 <ELEMENT input-type (#PCDATA)>
28
29 <ELEMENT hint (#PCDATA) >
30 <ELEMENT required (#PCDATA)>
31
32 <ELEMENT form-value-pairs (value-pairs)* >
33 <ELEMENT value-pairs (pair)+ >
34
35 <!-- ***
36 | To assign a particular 'value-pairs' list to a particular dropdown 'input-type'
37 | field, as found on a particular form, put:
38 | - value-pairs/@value-pairs-name string into
39 |   form/page/field/input-type/@value-pairs-name
40 | - form/page/field/@DCelement + ' ' + form/field/DCqualifier into
41 |   value-pairs/@dc-term
42 |   (e.g. 'language_iso')
43 | -->
44 <ATTLIST value-pairs value-pairs-name CDATA #REQUIRED
45 | | | | | dc-term CDATA #REQUIRED
46 >
47

```

## KB Input Forms XML

```

28 <!--15 May 2007: edited typos in geology-theses form - mpw-->
29 <!--15 May 2007: edited author, advisor, and other author hints for oardc-posters form - mpw-->
30 <!--17 May 2007: added article form and added OJS to article form - mpw-->
31 <!--31 May 2007: updated honors departments value list. - mpw-->
32 <!--6 September 2007: updated honors departments value list. -mpw-->
33 <!--6 September 2007: updated theses form. -mpw-->
34 <!--6 September 2007: corrected typo in osu-oral-histories form. mpw-->
35 <!--7 September 2007: updated polar-oh-interviewees, polar-oh-interviewers, and polar-oh-local-subjects value-pairs lists. mpw-->
36 <!--25 September 2007: added osupress form - mpw-->
37 <!--1 October 2007: added forum form - mpw-->
38 <!--1 October 2007: added value-pairs-name="forum-awards" - mpw-->
39 <!--1 October 2007: added value-pairs-name="forum-embargo-length" - mpw-->
40
41
42
43
44
45 <!--
46 | add this to DOCTYPE tag (without single quotes) ' SYSTEM "J:/XML_Projects/Test KB/Input Forms/input-forms_01_02.dtd" '
47 | -->
48 <!DOCTYPE input-forms>
49 <input-forms>
50
51 <form-map>
52 <name-map collection-handle="default" form-name="traditional"/>
53 <name-map collection-handle="1811/403" form-name="osu-oral-histories"/>
54 <name-map collection-handle="1811/6039" form-name="polar-oral-histories"/>
55 <name-map collection-handle="1811/134" form-name="theses"/>
56 <name-map collection-handle="1811/147" form-name="theses"/>
57 <name-map collection-handle="1811/148" form-name="theses"/>
58 <name-map collection-handle="1811/149" form-name="theses"/>
59 <name-map collection-handle="1811/162" form-name="theses"/>
60 <name-map collection-handle="1811/163" form-name="theses"/>
61 <name-map collection-handle="1811/164" form-name="theses"/>
62 <name-map collection-handle="1811/165" form-name="theses"/>
63 <name-map collection-handle="1811/166" form-name="theses"/>
64 <name-map collection-handle="1811/167" form-name="theses"/>
65 <name-map collection-handle="1811/168" form-name="theses"/>
66 <name-map collection-handle="1811/169" form-name="theses"/>
67 <name-map collection-handle="1811/170" form-name="theses"/>
68 <name-map collection-handle="1811/171" form-name="theses"/>
69 <name-map collection-handle="1811/172" form-name="theses"/>
70 <name-map collection-handle="1811/173" form-name="theses"/>
71 <name-map collection-handle="1811/5949" form-name="geology-theses"/>
72 <name-map collection-handle="1811/5992" form-name="oardc-posters"/>
73 <name-map collection-handle="1811/6241" form-name="faes-posters"/>
74 <name-map collection-handle="1811/5951" form-name="faes-viden"/>

```



# Customized Input Forms (XML)

```

1381 <hint>Please enter just the month and year of your graduating quarter below.</hint>
1382 <required>You must enter month and year.</required>
1383 </field>
1384 <field>
1385 <dc-element>publisher</dc-element>
1386 <dc-qualifier/>
1387 <repeatable>false</repeatable>
1388 <label>Publisher</label>
1389 <input-type>onebox</input-type>
1390 <hint>"The Ohio State University" should appear in this field.</hint>
1391 <required>"The Ohio State University" should appear in this field.</required>
1392 </field>
1393 <field>
1394 <dc-element>relation</dc-element>
1395 <dc-qualifier>ispartofseries</dc-qualifier>
1396 <repeatable>true</repeatable>
1397 <label>Degree-Granting Department</label>
1398 <input-type value-pairs-name="honors-departments">dropdown</input-type>
1399 <hint>Please select your degree-granting department(s) from the list below. **If your department is not listed,
1400 please select "department is not listed" and enter your department name in the next field.</hint>
1401 <required>Please select your degree-granting department(s) from the list below. **If your department is not
1402 listed, please select "department is not listed" and enter your department name in the next field.</required>
1403 </field>
1404 <field>
1405 <dc-element>relation</dc-element>
1406 <dc-qualifier/>
1407 <repeatable>true</repeatable>
1408 <label>Degree-Granting Department (Not Listed Above)</label>
1409 <input-type>onebox</input-type>
1410 <hint>If your degree-granting department is not in the list above, enter your department's name here.</hint>
1411 <required/>
1412 </field>
1413 <field>
1414 <dc-element>type</dc-element>
1415 <dc-qualifier/>
1416 <repeatable>true</repeatable>
1417 <label>Type</label>
1418 <input-type value-pairs-name="common_types">dropdown</input-type>
1419 <hint>Select the type(s) of content you are submitting. To select more than one value in the list, you may have
1420 to hold down the "CTRL" or "Shift" key.</hint>
1421 <required/>
1422 </field>
1423 <dc-element>language</dc-element>

```

Text Grid Schema/WSDL Authentic Browser

input-forms.xml



# Customized Input Forms (Display)

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Enter your name below.

Last name  
e.g. **Smith**

First name(s) + "Jr"  
e.g. **Donald Jr**

Author

Enter the name of your thesis advisor(s) below.

Last name  
e.g. **Smith**

First name(s) + "Jr"  
e.g. **Donald Jr**

Advisor

Add More

Enter the title of your thesis.

Title

Please enter just the month and year of your graduating quarter below.

Quarter Completed

Month: (No Month)

Day:

Year:

"The Ohio State University" should appear in this field.

Publisher

The Ohio State University

Please select your degree-granting department(s) from the list below. \*\*If your department is not listed, please select "department is not listed" and enter your department name in the next field.

Degree-Granting Department

My department is not listed

Accounting and MIS

Aerospace Engineering and Aviation

African American and African Studies

Agricultural, Environmental and Development Economics

Allied Medical Professions

# Customized Input Forms (XML)

```

207 | <required/>
208 | </field>
209 |
210 | <field>
211 | <dc-schema>dc</dc-schema>
212 | <dc-element>description</dc-element>
213 | <dc-qualifier></dc-qualifier>
214 | <repeatable>true</repeatable>
215 | <label>Award Statement</label>
216 | <input-type value-pairs-name="forum-awards">dropdown</input-type>
217 | <hint>Please select your academic area college cluster and place from the list below.</hint>
218 | <required>Please select your academic area college cluster and place from the list below.</required>
219 | </field>
220 |
221 | <field>
222 | <dc-schema>dc</dc-schema>
223 | <dc-element>identifier</dc-element>
224 | <dc-qualifier>citation</dc-qualifier>
225 | <repeatable>false</repeatable>
226 | <label>Published Citation</label>
227 | <input-type>onebox</input-type>
228 | <hint>If your submission has already been published, please enter the citation below.</hint>
229 | <required/>
230 | </field>
231 | </page>
232 | <page number="3">
233 | <field>
234 | <dc-schema>dc</dc-schema>
235 | <dc-element>description</dc-element>
236 | <dc-qualifier>embargo</dc-qualifier>
237 | <repeatable>true</repeatable>
238 | <label>Requested Embargo?</label>
239 | <input-type value-pairs-name="forum-embargo-length">dropdown</input-type>
240 | <hint>If you have requested a delay of dissemination for your submission, please choose the length of the
    embargo from the box below. <!--For more information, please see http://library.osu.edu/sites/kbinfo/honors_delay.html.--></
    hint>
241 | <required>Please make a selection from the box below.</required>
  
```

```

2355 | <stored-value>A five-year embargo was granted for this item.</stored-value>
2356 | </pair>
2357 | </value-pairs>
2358 |
2359 | <value-pairs value-pairs-name="forum-awards" dc-term="description">
2360 |   <pair>
2361 |     <displayed-value>The Arts: 1st Place</displayed-value>
2362 |     <stored-value>The Arts: 1st Place (The Ohio State University Edward F. Hayes Graduate Research Forum)</
    stored-value>
2363 |   </pair>
2364 |   <pair>
2365 |     <displayed-value>The Arts: 2nd Place</displayed-value>
2366 |     <stored-value>The Arts: 2nd Place (The Ohio State University Edward F. Hayes Graduate Research Forum)</
    stored-value>
2367 |   </pair>
2368 |   <pair>
2369 |     <displayed-value>The Arts: 3rd Place</displayed-value>
2370 |     <stored-value>The Arts: 3rd Place (The Ohio State University Edward F. Hayes Graduate Research Forum)</
    stored-value>
2371 |   </pair>
2372 |   <pair>
2373 |     <displayed-value>Biological Sciences: 1st Place</displayed-value>
2374 |     <stored-value>Biological Sciences: 1st Place (The Ohio State University Edward F. Hayes Graduate Research
    Forum)</stored-value>
2375 |   </pair>
2376 |   <pair>
2377 |     <displayed-value>Biological Sciences: 2nd Place</displayed-value>
2378 |     <stored-value>Biological Sciences: 2nd Place (The Ohio State University Edward F. Hayes Graduate Research
    Forum)</stored-value>
2379 |   </pair>
2380 |   <pair>
2381 |     <displayed-value>Biological Sciences: 3rd Place</displayed-value>
2382 |     <stored-value>Biological Sciences: 3rd Place (The Ohio State University Edward F. Hayes Graduate Research
    Forum)</stored-value>
2383 |   </pair>
2384 |   <pair>
2385 |     <displayed-value>Business: 1st Place</displayed-value>
  
```

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KnowledgeBank

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Describe

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Describe

Describe

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Complete

Submit: Describe Your Item

Please fill further information about your submission below.

Enter 4-6 appropriate topic keywords or phrases that describe your submission below.

Submission topic(s) or keywords

Add More

Enter the abstract of your submission below.

Abstract

Please select your academic area college cluster and place from the list below.

Award Statement

The Arts: 1st Place

The Arts: 2nd Place

The Arts: 3rd Place

Biological Sciences: 1st Place

Biological Sciences: 2nd Place

Biological Sciences: 3rd Place

If your submission has already been published, please enter the citation below.

# Customized Input Forms (XML)

```

225 <repeatable>false</repeatable>
226 <label>Published Citation</label>
227 <input-type>onebox</input-type>
228 <hint>If your submission has already been published, please enter the citation below.</hint>
229 <required>
230 </field>
231 </page>
232 <page number="3">
233 <field>
234 <dc-schema>dc</dc-schema>
235 <dc-element>description</dc-element>
236 <dc-qualifier>embargo</dc-qualifier>
237 <repeatable>true</repeatable>
238 <label>Requested Embargo?</label>
239 <input-type value-pairs-name="forum-embargo-length">dropdown</input-type>
240 <hint>If you have requested a delay of dissemination for your submission, please choose the length of the
embargo from the box below. <!--For more information, please see http://library.osu.edu/sites/kbinfo/honors_delay.html.--></
hint>
241 <required>Please make a selection from the box below.</required>
242 </field>
243 </page>
244 </form>
245
246
247
248
249 <!-- OSU PRESS PUBLICATIONS -->
250 <form name="osupress">
251 <page number="1">
252 <field>
253 <dc-schema>dc</dc-schema>
254 <dc-element>creator</dc-element>
255 <dc-qualifier>
256 <repeatable>true</repeatable>
257 <label>Creator</label>
258 <input-type>name</input-type>
259 <hint>Enter the name(s) of the author(s) of this item below.</hint>

```


```

2330 <required>
2331 </field>
2332 </page>
2333 </form>
2334 </form-definitions>
2335
2336 <form-value-pairs>
2337
2338 <value-pairs value-pairs-name="forum-embargo-length" dc-term="description.embargo">
2339 <pair>
2340 <displayed-value>I have not requested an embargo for my submission.</displayed-value>
2341 <stored-value>No embargo</stored-value>
2342 </pair>
2343 <pair>
2344 <displayed-value>I have requested a 1 year embargo for my submission.</displayed-value>
2345 <stored-value>A one-year embargo was granted for this item.</stored-value>
2346 </pair>
2347 <pair>
2348 <displayed-value>I have requested a 3 year embargo for my submission.</displayed-value>
2349 <stored-value>A three-year embargo was granted for this item.</stored-value>
2350 </pair>
2351 <pair>
2352 <displayed-value>I have requested a 5 year embargo for my submission.</displayed-value>
2353 <stored-value>A five-year embargo was granted for this item.</stored-value>
2354 </pair>
2355 </value-pairs>
2356
2357 <value-pairs value-pairs-name="forum-awards" dc-term="description">
2358 <pair>
2359 <displayed-value>The Arts: 1st Place</displayed-value>
2360 <stored-value>The Arts: 1st Place (The Ohio State University Edward F. Hayes Graduate Research Forum)</
stored-value>
2361 </pair>
2362 <pair>
2363 <displayed-value>The Arts: 2nd Place</displayed-value>
2364 <stored-value>The Arts: 2nd Place (The Ohio State University Edward F. Hayes Graduate Research Forum)</
stored-value>
2365 </pair>
2366 </value-pairs>

```

## Customized Input Forms (Display)

**KnowledgeBank**  
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Describe Describe Describe **Describe** Upload Verify License License Complete

**Submit: Describe Your Item**

Please fill further information about your submission below.

If you have requested a delay of dissemination for your submission, please choose the length of the embargo from the box below.

**Requested Embargo?**

I have not requested an embargo for my submission.  
I have requested a 1 year embargo for my submission.  
I have requested a 3 year embargo for my submission.  
I have requested a 5 year embargo for my submission.

< Previous

Next >

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[Feedback](#)

```

1486 <required>Please make a selection from the box below. </required>
1487 </field>
1488 </page>
1489 </form>
1490
1491 <!-- POLAR ORAL HISTORIES -->
1492 <form name="polar-oral-histories">
1493 <page number="1">
1494 <field>
1495 <dc-element>creator</dc-element>
1496 <label>Interviewees</label>
1497 <input-type value-pairs-name="polar-oh-interviewees">dropdown</input-type>
1498 <hint>Enter established form of interviewee name. </hint>
1499 <required>Enter established form of interviewee name. </required>
1500 </field>
1501 <field>
1502 <dc-element>contributor</dc-element>
1503 <repeatable>true</repeatable>
1504 <label>Interviewer</label>
1505 <input-type value-pairs-name="polar-oh-interviewers">dropdown</input-type>
1506 <hint>Enter established form of interviewer name. </hint>
1507 <required>Enter established form of interviewer name. </required>
1508 </field>
1509 <field>
1510 <dc-element>title</dc-element>
1511 <label>Title</label>
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1518 <dc-qualifier>created</dc-qualifier>
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1521 <hint>Enter date of interview (month and year or month, day, and year). </hint>
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1527 <label>Date entered into Knowledge Bank (enter year only). </label>
1528 <input-type>date</input-type>
1529 <hint>Please enter the year only. </hint>

```

KSU-SLIS Organization of Information 60002-004

# Customized Input Forms (Display)

KnowledgeBank

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Describe

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Describe

Submit: Describe Your Item

Please fill in the requested information about your submission below, having to use the mouse each time.

Interviewee

Boudette, Eugene L.

Brecher, Henry H.

Brewer, Max C.

Britton, Maxwell

Brown, Craig W., 1937-

Bull, Colin

Burroughs, Charles A.

Carlson, Gerald F., 1925-

Carpenter, Donald

Cartwright, Gordon

Crory, Frederick E.

Cvjanovich, George

DenHartog, Stephen L.

Dickerson, Richard G.

Dodson, Robert H. T.

Doumani, George A.

El-Sayed, Sayed Z. (Sayed Zakaria), 1926-

Feeney, Robert Earl

Fletcher, J. O. (Joseph O.), 1920-

Enter established form of interviewer name.

Interviewer

Belanger, Dian Olson, 1941-

Brewster, Karen Nichols

Goerler, Raimund E. (Raimund Erhard), 1948-

Kissel, Laura J.

Lay, Lynn B.

Shoemaker, Brian

"Interview" should appear in this field.

Title

Interview

Enter date of interview (month and year or month, day, and year).

Date of Interview

Month: (No Month)

Day:

Year:

"Polar Oral History Program" should appear in this field.

Series Statement

Polar Oral History Program

License

License

Complete

ay to move the cursor to the next input box or button,



# Customized Input Forms (XML)

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3171 <displayed-value>Benson, Carl S. -- Interviews</displayed-value>
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```



# Customized Input Forms (Display)

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Describe

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Please fill further information about your submission below.

Choose the appropriate personal names from the list.

Subject (Local Names and Expeditions)

Akasofu, Syun-ichi -- Interviews

Anderson, William R., 1921- -- Interviews

Antos, Stanislaus A. -- Interviews

Aughenbaugh, Nolan B. -- Interviews

Austin, Fred L. -- Interviews

Barnes, Stephen -- Interviews

Choose the appropriate corporate names and/or topical terms from the list.

Subject (Topical Terms and Corporate Names)

Aeronautics -- Antarctica

Aeronautics -- Antarctica -- Interviews

Aeronautics -- Arctic regions -- Interviews

Aeronautics -- Polar regions

Aeronautics -- Polar regions -- Interviews

Antarctic Ocean -- Discovery and exploration -- Interviews

Please enter any additional keywords describing the transcript below.

Additional Keywords

Add More

October 29, 2007

KSU-SLIS Organization of Information 60002-004

## Customized Input Templates (Dublin Core)

Schema	Element	Qualifier	Value	Language	
dc	description		Requires RealPlayer to view.		<input type="button" value="Remove"/>
dc	format	extent	Duration:		<input type="button" value="Remove"/>
dc	publisher		Ohio State University Libraries		<input type="button" value="Remove"/>
dc	rights		This object may be copyright-protected. Permission to reuse, publish or reproduce the object must be obtained from the copyright holder.		<input type="button" value="Remove"/>
<input type="text" value="dc.contributor.advisor"/>					<input type="button" value="Add"/>

## Customized Input Templates (Display)

KnowledgeBank

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Describe

Describe

Describe

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Verify

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License

Complete

### Submit: Describe Your Item

Please fill further information about your submission below.

Subject Keywords

Enter appropriate subject keywords or phrases below.

Add More

Abstract

Enter the abstract of the item below.

Contents

List major divisions of content (i.e. "[first section]" 00:00:00 - 00:09:05 -- "[next section]" 00:09:06 - 00:35:027 -- etc.)

Sponsors

Enter the names of any sponsors and/or funding codes below. Use one box per name.

Add More

Description

Enter any other description or comments in additional box.

Requires RealPlayer to view.

Remove This Entry

Add More

Duration

Enter the length of the video in h:mm:ss format. (example: 00:29:17 is a 29 min 17 sec video)

Duration:

Rights

Enter the rights statement below.

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## Customized Input Templates (Dublin Core)

Schema	Element	Qualifier	Value	Language	
dc	creator		Ohio State University. Libraries		Remove
dc	date	issued	2006		Remove
dc	publisher		Ohio State University Libraries		Remove
dc	subject	lcsb	Ohio State University -- Libraries -- Newsletters		Remove
dc	title		QuickNotes:		Remove
dc.contributor.advisor					Add

## Customized Input Templates (Display)

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Describe

Upload

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License

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### Submit: Describe Your Item

Please fill in the requested information about your submission below. In most browsers, you can use the tab key to move the cursor to the next input box or button, to save you having to use the mouse each time.

Enter the name(s) of the author(s) of this item below.

<i>Last name</i> e.g. <i>Smith</i>	<i>First name(s) + "Jr"</i> e.g. <i>Donald Jr</i>
<b>Creator</b> <input type="text" value="Ohio State University Libraries"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>

Remove This Entry

Add More

Enter the name(s) of any other entity with secondary responsibility for the creation of the resource (e.g., editors, photographers, voice, etc.)

<i>Last name</i> e.g. <i>Smith</i>	<i>First name(s) + "Jr"</i> e.g. <i>Donald Jr</i>
<b>Contributor</b> <input type="text"/>	<input type="text"/>

Add More

Enter the main title of the item.

**Title**

Please give the date of previous publication or public distribution below. You can leave out the day and/or month if they aren't applicable.

**Date of Issue** Month:  Day:  Year:


Enter the name of the publisher of the previously issued instance of this item.

**Publisher**

## Customized Item Displays

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[Volume 23-24 \(Jan. 1989\) >](#)

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→ [About DSpace](#)

**Please use this identifier to cite or link to this item:**  
<http://hdl.handle.net/1811/28582>

**Title:** The Pandects of Antiochus: Slavic Text in Transcription

**Creators:** Popovski, Josif

**Keywords:** Pandects; Antiochus, monk of Palestine, 7th cent; Moscow, RGB F.228, 205.1; Moscow GIM Voskr.30, Sin 3, Sin 177, Sin 989; Troice Sergieva Lavra F.304 12; St. Petersburg RNB Q.p.I.18; Wien ÖNB, Slav.12

**Issue Date:** Jan-1989

**Publisher:** William R. Veder, Slavisch Seminarium, Universiteit van Amsterdam, Postbus 19188, 1000 GD Amsterdam (Holland)

**Citation:** Polata Knigopisnaia: an Information Bulletin Devoted to the Study of Early Slavic Books, Texts and Literatures, v23-24 (January 1989), 1-202


**Abstract:** Antiochus, a monk of the Lavra of St. Sabbas near Jerusalem, compiled his Pandects about the year 620 at the behest of his Galatian compatriot Eustatius, abbot of the monastery of Attalina near Ancyra, as a "vademecum" of Christian monastic spirituality, morality and practice. It consists of: an epistle of Antiochus to Eustatius, Prologue, Index, 130 Homilies, Testimony and prayer about the devastation of Jerusalem, another epistle to Eustatius, including a curriculum vitae. His compilation is based on the texts of the Old and New Testament, the Apocrypha and the fathers of the Church available at Jerusalem at the beginning of the 7th century and forms a prime source for their knowledge. His own additions are a prime source for the devastations by the Persians (614) and the state of the Church in Jerusalem. The Slavic translation was made before 950 (according to Kopko, Durnovo and Hahn, in Macedonia), using for the biblical quotations the earliest, probably Methodian



# Customized Item Displays

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**Please use this identifier to cite or link to this item:** <http://hdl.handle.net/1811/28942>

**Title:** Subjectivity and Nation: The Construction of Self in I Saw Ramallah and Passage to Dusk

**Creators:** Kim, Philip

**Advisor:** Berman, Nina

**Issue Date:** Aug-2007

**Abstract:** The subjective nature of the construction of the self allows for the two texts which I critique, I Saw Ramallah and Passage to Dusk, to resist notions of an objective nation which imposes standards and norms ultimately resulting in conflicts of difference.

**Requested Embargo?:** No embargo

**Series/Report No :** The Ohio State University. Department of Comparative Studies Honors Theses; 2007

**Keywords:** nation  
theory  
self  
subjectivity

**URI:** <http://hdl.handle.net/1811/28942>

**Appears in Collections:** [Arts and Sciences](#)

# Customized Collection Displays

The screenshot displays the Knowledge Bank website interface. At the top, the "KnowledgeBank" logo is prominent, with the text "UNIVERSITY LIBRARIES AND OFFICE OF THE CHIEF INFORMATION OFFICER" below it. The Ohio State University logo is also visible in the top right corner.

On the left side, there is a navigation menu. It includes a login status "Logged in as walsh.260@osu.edu (Logout)", a search bar for "Search Knowledge Bank" with a "Go" button, and a link to "Advanced Search". Below this are links for "Home" and "About the Knowledge Bank" with a "Go" button. A "Browse" section lists "Communities & Collections", "Titles", "Authors", and "By Date". At the bottom of the left sidebar is a "Sign on to:" section with links for "Receive email updates", "My Knowledge Bank" (for authorized users), and "Edit Profile".

The main content area features the title "Volume 1, Issue 4 (February, 1901)" and the subtitle "Collection home page". Below this is a search box with the text "In: Volume 1, Issue 4 (February, 1901)" and a "Go" button. There are also buttons for "Search for" and "or browse" with tabs for "Titles", "Authors", and "By Date".

At the bottom of the main content area, there are two buttons: "Submit to This Collection" and "Subscribe to this collection to receive daily e-mail notification of new additions" with a "Subscribe" button.

On the right side, there is an "Admin Tools" section with buttons for "Edit...", "Item Mapper", and "Admin Help...". Below this is a "Recent Submissions" section with links to "Meeting of the Biological Club", "Notes from Botanical Literature", "A Comparative Study of Gomphus Furcifer and Villosipes", "A New Species of Gomphus and its Near Relatives", and "Twelve Additions to the Ohio Plant List".

The bottom of the main content area lists several articles from "The Corning Oil and Gas Field":
 

- Bownocker, J. A. pp 49-59. [Article description](#) | [Article Full Text PDF \(514KB\)](#)
- Twelve Additions to the Ohio Plant List. Kellerman, W. A. pp 59-60. [Article description](#) | [Article Full Text PDF \(670KB\)](#)
- A New Species of Gomphus and its Near Relatives. Hine, James S. pp 60-61. [Article description](#) | [Article Full Text PDF \(623KB\)](#)
- A Comparative Study of Gomphus Furcifer and Villosipes.



## Batch Loading

1	File	Loc	dc.date	dc.identifier	dc.creator	dc.title	dc.description.abstract	dc.description	dc.type	dc.language
679	1982-W	1982	1982-WE-1	Mayants, L.S.	NEW ROTATION-VIBRATION HAMILTONIAN	The conventional rotation-vibration Hamiltonian is shown to be appropriate on article			English	
680	1982-W	1982	1982-WE-2	Natanson, G.A.	ON A CHOICE OF THE SEMIRIGIDITY CONDITION	To satisfy the Eckart-Sayvetz condition			English	
681	1982-W	1982	1982-WE-3	Chiu, Ying-Nan	APPLICATION OF HUCKEL-MO METHOD	Linear combination of vibrational wave functions centered at the periodic potential			English	
682	1982-W	1982	1982-WE-4	Hougen, Jon T.	THE USE OF HIGH-ORDER EXTENSION	It is sometimes convenient when applying			English	
683				De Koven, B.M.						
684	1982-W	1982	1982-WE-5	Chin, Steven	QUANTITATIVE AB INITIO PREDICTION	Infrared spectra of hydrogen bonded systems			English	
685				Person, Willis B.						
686	1982-W	1982	1982-WE-6	Ford, T.A.	PREDICTION OF THE INFRARED SPECTRA	The types of interactions experienced			English	
687				Person, Willis B.						
688	1982-W	1982	1982-WE-7	Chang, E.S.	THEORY OF IR SPECTRA FROM NON-PENETRATING RYDBERG STATES	(with Ch. Jungen and E. Miescher, C. article			English	
689	1982-W	1982	1982-WE-8	Lehmann, K.K.	INTERPRETATION OF THE C-H OVERTONES	We have obtained photoacoustic spectra of the C-H overtones of HCN, SC <sub>2</sub> , article			English	
690				Scherer, G.J.						
691				Klemperer, William						
692	1982-W	1982	1982-WE-9	Scherer, G.J.	HIGH RESOLUTION OVERTONE SPECTRA	We have obtained photoacoustic spectra of several small polyatomic hydrides article			English	
693				Lehmann, K.K.						
694				Klemperer, William						
695	1982-W	1982	1982-WE-10	Pliva, J.	THE $\nu_{13}$ FUNDAMENTAL VIBRATION	The perpendicular band of the $\nu_{13}$ vibration of benzene			English	
696				Johns, J.W.C.						
697	1982-W	1982	1982-WE-11	Lafferty, W.J.	ROTATIONAL STRUCTURE OF THE $\nu_{13}$ BAND	We have fully resolved the rotational fine structure			English	
698				Pine, A.S.						
699	1982-W	1982	1982-WE-12	Bunker, P.R.	BENDING TUNNELLING FORM FACTOR	We are interested in the internal rotation			English	
700				Ross, S.C.						
701	1982-W	1982	1982-WF-1	Diem, M.	LONG RANGE VIBRATIONAL INTERACTIONS	Raman spectra of aqueous solutions			English	
702	1982-W	1982	1982-WF-1	Devore, T.C.	A RE-INVESTIGATION OF THE VISIBLE EMISSION SPECTRUM	A re-examination of the violet emission			English	
703	1982-W	1982	1982-WF-2	Dixit, L.	GENERAL METHODS OF ANALYSIS	An accurate need may arise to develop practically convenient general method			English	
704	1982-W	1982	1982-WF-2	Devore, T.C.	PARTIAL VIBRATIONAL ANALYSIS	The visible emission spectrum of $^{44}\text{Ti}$			English	
705	1982-W	1982	1982-WF-3	Byler, D. Michael	REVISED VIBRATIONAL ANALYSIS	Vibrational data for C-deuterated methanol			English	
706				Gerasimowicz, Walter V.						
707				Susi, Heino						
708	1982-W	1982	1982-WF-3	Dorko, Ernest A.	SPECTROSCOPIC ANALYSIS OF A GAS FLOW TUBE REACTOR	A gas flow tube reactor has been used to generate a chemiluminescent flame			English	
709				Snyder, Steven R.						
710				Koym, Vernon R.						
711	1982-W	1982	1982-WF-4	Durig, J.R.	CONFORMATION BARRIERS TO ROTATION	The infrared and Raman spectra have been recorded for the gaseous and solid			English	
712				Bist, H.D.						

## Batch Loading

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OF POLARIZABILITY AND HEXADECAPOLE MOMENT OF  $\text{SH}_2$  AND
 $\text{SD}_2$  IN
THEIR INFRARED SPECTRA</dcvalue>
<dcvalue element="date" qualifier="issued">1982</dcvalue>
<dcvalue element="creator" qualifier="none">van Nostrand, E.</dcvalue>
<dcvalue element="description" qualifier="abstract">Double S transitions
corresponding to  $\Delta J = +2$  arise from the contribution of the
intermolecular interaction by the anisotropic component of the
polarizability of a molecule in the quadrupole field of its collision
partner. U branch transitions corresponding to  $\Delta J = 14$  arise from
the hexadecapolar induction mechanism in the colliding pairs of
molecules. Collision-induced transitions  $\{S_{-1}\}(J) + \{S_{-0}\}(J)^{\{1\}}$ ,
 $\{U_{-1}\}(J)$  and  $\{Q_{-1}\}(J) + \{U_{-0}\}(J)^{\{2\}}$  in the infrared
fundamental band of  $\text{SH}_2$  and  $\{S_{-2}\}(J) + \{S_{-0}\}(J)$ ,  $\{S_{-1}\}(J) +$ 
 $\{S_{-1}\}(J)$  and  $\{Q_{-1}\}(J) + \{U_{-1}\}(J)$  in the 1st overtone region of
 $\text{SH}_2$  have been studied for high gas densities of normal  $\text{SH}_2$  at 77
K. Some of the experimental results include those obtained with solid
normal- and para- hydrogen samples for the transitions in the
fundamental band of  $\text{SH}_2$  at  $10\text{ K}^{\{3\}}$ . Present investigations also
include observation of double S transitions in the infrared fundamental
band of normal  $\text{SD}_2$  at 77 K. Results of the analysis of the
absorption profiles in the gas phase, carried out by assuming
appropriate line-shape functions and using the available matrix elements
of the quadrupole moment, isotropic polarizability, anisotropy of
polarizability, and hexadecapole moment, will be discussed.</dcvalue>
<dcvalue element="description" qualifier="none"> $\text{SH}_2$  Sem., R. D. G.
Prasad and S. P. Reddy, J. Chem. Phys. 72, 1716-1721 (1980).  $\text{SD}_2$  S. P.
Reddy, A. Sen. and R. D. G. Prasad, J. Chem. Phys. 72, 6102-6106 (1980).
 $\text{SH}_2$  R. D. G. Prasad, M. J. Clouter and S. P. Reddy, Phys. Rev. A 17,
1690-1694 (1978)</dcvalue>
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<dcvalue element="language" qualifier="iso">English</dcvalue>
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<dcvalue element="creator" qualifier="none">Prasad, R. D. G.</dcvalue>
<dcvalue element="creator" qualifier="none">Reddy, S. Paddi</dcvalue>
</dublin_core>
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[Abstracts of OSU International Symposium on Molecular Spectroscopy 1980-1989 >](#)

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<http://hdl.handle.net/1811/29111>

**Title:** THE SIGNIFICANCE OF ANISOTROPY OF POLARIZABILITY AND  
HEXADECAPOLE MOMENT OF  $\text{SH}_2$  AND  $\text{SD}_2$  IN THEIR INFRARED  
SPECTRA

**Creators:** van Nostrand, E.  
Gillard, P.  
Prasad, R.D.G.  
Reddy, S. Paddi

**Issue Date:** 1982

**Abstract:** Double S transitions corresponding to  $\Delta J = +2$  arise from the  
contribution of the intermolecular interaction by the anisotropic  
component of the polarizability of a molecule in the quadrupole field of its  
collision partner. U branch transitions corresponding to  $\Delta J = 14$   
arise from the hexadecapolar induction mechanism in the colliding pairs of  
molecules. Collision-induced transitions  $\{S_{-1}\}(J) + \{S_{-0}\}(J)^{\{1\}}$ ,  
 $\{U_{-1}\}(J)$  and  $\{Q_{-1}\}(J) + \{U_{-0}\}(J)^{\{2\}}$  in the infrared  
fundamental band of  $\text{SH}_2$  and  $\{S_{-2}\}(J) + \{S_{-0}\}(J)$ ,  $\{S_{-1}\}(J) +$   
 $\{S_{-1}\}(J)$  and  $\{Q_{-1}\}(J) + \{U_{-1}\}(J)$  in the 1st overtone region  
of  $\text{SH}_2$  have been studied for high gas densities of normal  $\text{SH}_2$   
at 77 K. Some of the experimental results include those obtained with  
solid normal- and para- hydrogen samples for the transitions in the  
fundamental band of  $\text{SH}_2$  at  $10\text{ K}^{\{3\}}$ . Present investigations also  
include observation of double S transitions in the infrared fundamental  
band of normal  $\text{SD}_2$  at 77 K. Results of the analysis of the absorption  
profiles in the gas phase, carried out by assuming appropriate line-shape  
functions and using the available matrix elements of the quadrupole  
moment, isotropic polarizability, anisotropy of polarizability, and  
hexadecapole moment, will be discussed.

**URI:** <http://hdl.handle.net/1811/29111>

**Other Identifiers:** 1982-FA-14

**Appears in Collections:** [Abstracts of OSU International Symposium on Molecular Spectroscopy  
1980-1989](#)



## Repurposing MARC Metadata

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LEADER 00000cam 2200265 a 4500
001 49610948
003 OCoLC
005 20030106145752.0
008 020410s2002 chu b 001 0 eng
010 2002005529
020 0814209092 (hardcover : alk. paper)
020 0814251013 (pbk. : alk. paper)
035 .b55901736
040 DLC|cDLC|dOSU
043 a--ii---
049 OSUU
050 00 PR4858.I45|bM38 2002
050 00 PR4858.I45|bM38 2002
082 00 828/.809|221
100 1 McBratney, John,|d1951-
245 10 Imperial subjects, imperial space :|bRudyard Kipling's
fiction of the native-born /|cJohn McBratney
260 Columbus :|bOhio State University Press,|cc2002
263 0210
300 xxvii, 224 p. ;|c24 cm
504 Includes bibliographical references and index
505 0 The writer as native-born -- Kipling and the discourses of
race and nation -- Early versions of the native-born --
Kipling's fiction of "miscegenation" -- The jungle book --
Kim -- Puck of Pook's Hill and rewards and fairies
600 10 Kipling, Rudyard,|d1865-1936|xViews on imperialism
600 10 Kipling, Rudyard,|d1865-1936|xKnowledge|xIndia
600 10 Kipling, Rudyard,|d1865-1936|xViews on race
600 10 Kipling, Rudyard,|d1865-1936|xCharacters
650 0 Intercultural communication in literature
650 0 British|xIndia|xHistoriography
650 0 Culture conflict in literature
650 0 Ethnic relations in literature
650 0 Miscegenation in literature
650 0 Imperialism in literature
650 0 Ethnicity in literature
650 0 Race in literature
651 0 India|xIn literature
910 xxs
910 MARS

```

```

2
3 <!--record 1-->
4 <dc:title>Imperial subjects, imperial space : Rudyard Kipling's fiction of the native-born /</dc:title>
5 <dc:creator> McBratney, John, 1951- </dc:creator>
6 <dc:type>book</dc:type>
7 <dc:identifier.isbn>0814209092 (hardcover : alk. paper)</dc:identifier.isbn>
8 <dc:identifier.isbn>0814251013 (pbk. : alk. paper)</dc:identifier.isbn>
9 <dc:description.other>2002005529</dc:description.other>
10 <dc:publisher>Ohio State University Press,</dc:publisher>
11 <dc:date>c2002 </dc:date>
12 <dc:language>eng</dc:language>
13 <dc:description>xxvii, 224 p. ; 24 cm.</dc:description>
14 <dc:description.tableofcontents> The writer as native-born -- Kipling and the discourses of race and nation -- Early versions of the
native-born -- Kipling's fiction of "miscegenation" -- The jungle book -- Kim -- Puck of Pook's Hill and rewards and fairies. </
dc:description.tableofcontents>
15 <dc:description>Includes bibliographical references and index.</dc:description>
16 <dc:subject.lcsh>Kipling, Rudyard, 1865-1936 Views on imperialism </dc:subject.lcsh>
17 <dc:subject.lcsh>Kipling, Rudyard, 1865-1936 Knowledge India </dc:subject.lcsh>
18 <dc:subject.lcsh>Kipling, Rudyard, 1865-1936 Views on race </dc:subject.lcsh>
19 <dc:subject.lcsh>Kipling, Rudyard, 1865-1936 Characters </dc:subject.lcsh>
20 <dc:subject.lcsh>Intercultural communication in literature.</dc:subject.lcsh>
21 <dc:subject.lcsh>British -- India -- Historiography.</dc:subject.lcsh>
22 <dc:subject.lcsh>Culture conflict in literature.</dc:subject.lcsh>
23 <dc:subject.lcsh>Ethnic relations in literature.</dc:subject.lcsh>
24 <dc:subject.lcsh>Miscegenation in literature.</dc:subject.lcsh>
25 <dc:subject.lcsh>Imperialism in literature.</dc:subject.lcsh>
26 <dc:subject.lcsh>Ethnicity in literature.</dc:subject.lcsh>
27 <dc:subject.lcsh>Race in literature.</dc:subject.lcsh>
28 <dc:subject.lcsh>India -- In literature.</dc:subject.lcsh>
29

```

# Repurposing MARC Metadata

```

1  <?xml version="1.0" encoding="UTF-8" ?>
2  <marc:collection xmlns:marc="http://www.loc.gov/MARC21/slim" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
   xsi:schemaLocation="http://www.loc.gov/MARC21/slim http://www.loc.gov/standards/marcxml/schema/MARC21slim.xsd">
3  <marc:record><marc:leader>01685pam a22003614a 4500</marc:leader>
4  <marc:controlfield tag="001">ocm49663955</marc:controlfield>
5
6  <marc:controlfield tag="003">OCoLC</marc:controlfield>
7
8  <marc:controlfield tag="005">20021015104831.0</marc:controlfield>
9
10 <marc:controlfield tag="008">020410s2002  ohu  b  001 0 eng </marc:controlfield>
11
12 <marc:datafield tag="010" ind1="" ind2="">
13 <marc:subfield code="a">2002005665</marc:subfield>
14 </marc:datafield>
15
16 <marc:datafield tag="020" ind1="" ind2="">
17 <marc:subfield code="a">0814209041 (alk. paper)</marc:subfield>
18 </marc:datafield>
19
20 <marc:datafield tag="035" ind1="" ind2="">
21 <marc:subfield code="a">b55846634</marc:subfield>
22 </marc:datafield>
23
24 <marc:datafield tag="040" ind1="" ind2="">
25 <marc:subfield code="a">DLC</marc:subfield>
26 <marc:subfield code="c">DLC</marc:subfield>
27 </marc:datafield>
28
29 <marc:datafield tag="042" ind1="" ind2="">
30 <marc:subfield code="a">pcc</marc:subfield>
31 </marc:datafield>
32
33 <marc:datafield tag="043" ind1="" ind2="">
34 <marc:subfield code="a">n-us-oh</marc:subfield>
35 </marc:datafield>
36
37 <marc:datafield tag="049" ind1="" ind2="">
38 <marc:subfield code="a">OSUU</marc:subfield>
39 </marc:datafield>
40
41 <marc:datafield tag="050" ind1="0" ind2="0">
42 <marc:subfield code="a">BX1417 C5</marc:subfield>
43 <marc:subfield code="b">F67 2002</marc:subfield>
44 </marc:datafield>
45
46 <marc:datafield tag="082" ind1="0" ind2="0">

```

- Crosswalking MARC to MARCXML

# Repurposing MARC Metadata

```

1 <?xml version="1.0"?>
2 <oai_dc:dc xsi:schemaLocation="http://www.openarchives.org/OAI/2.0/oai_dc/ http://www.openarchives.org/OAI/2.0/oai_dc.xsd"
  xmlns:oai_dc="http://www.openarchives.org/OAI/2.0/oai_dc/" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:dc="http://purl.org/dc/elements/1.1/">
3   <dc:title>Faith and action : a history of the Archdiocese of Cincinnati, 1821-1996 /</dc:title>
4   <dc:creator>Fortin, Roger A. (Roger Antonio), 1940- </dc:creator>
5   <dc:type>book</dc:type>
6   <dc:identifier.isbn>0814209041 (alk. paper)</dc:identifier.isbn>
7   <dc:description.other>2002005665</dc:description.other>
8   <dc:publisher>Ohio State University Press,</dc:publisher>
9   <dc:date>c2002 </dc:date>
10  <dc:language>eng</dc:language>
11  <dc:relation.ispartofseries>Urban life and urban landscape series. </dc:relation.ispartofseries>
12  <dc:description>xvii, 489 p. illus. 23 cm. </dc:description>
13  <dc:description.tableofcontents>The founding bishop : Edward Dominic Fenwick -- Laying a more secure foundation -- A new
  bishop for a growing diocese -- Immigrants and the growth of the diocese -- The local church in a non-Catholic society --
  Religious and social issues -- The diocese under stress -- Catholic education and charitable works -- Religious and social
  issues -- Catholic action and diocesan growth -- Social issues -- Catholic education -- Impact of the Second Vatican Council --
  Changes in the local church -- The post-Vatican II Archdiocese of Cincinnati. </dc:description.tableofcontents>
14  <dc:description>Includes bibliographical references and index. </dc:description>
15  <dc:subject.lcsh>Catholic Church. Archdiocese of Cincinnati (Ohio) History. </dc:subject.lcsh>
16 </oai_dc:dc>
17 <oai_dc:dc xsi:schemaLocation="http://www.openarchives.org/OAI/2.0/oai_dc/ http://www.openarchives.org/OAI/2.0/oai_dc.xsd"
  xmlns:oai_dc="http://www.openarchives.org/OAI/2.0/oai_dc/" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:dc="http://purl.org/dc/elements/1.1/">
18  <dc:title>Imperial subjects, imperial space : Rudyard Kipling's fiction of the native-born /</dc:title>
19  <dc:creator>McBratney, John, 1951- </dc:creator>
20  <dc:type>book</dc:type>
21  <dc:identifier.isbn>0814209092 (hardcover : alk. paper)</dc:identifier.isbn>
22  <dc:identifier.isbn>0814251013 (pbk. : alk. paper)</dc:identifier.isbn>
23  <dc:description.other>2002005529</dc:description.other>
24  <dc:publisher>Ohio State University Press,</dc:publisher>
25  <dc:date>c2002 </dc:date>
26  <dc:language>eng</dc:language>
27  <dc:description>xxvii, 224 p. ; 24 cm. </dc:description>
28  <dc:description.tableofcontents>The writer as native-born -- Kipling and the discourses of race and nation -- Early versions of
  the native-born -- Kipling's fiction of "miscegenation" -- The jungle book -- Kim -- Puck of Pook's Hill and rewards and fables. /
  </dc:description.tableofcontents>
29  <dc:description>Includes bibliographical references and index. </dc:description>
30  <dc:subject.lcsh>Kipling, Rudyard, 1865-1936 Views on imperialism. </dc:subject.lcsh>
31  <dc:subject.lcsh>Kipling, Rudyard, 1865-1936 Knowledge India. </dc:subject.lcsh>
32  <dc:subject.lcsh>Kipling, Rudyard, 1865-1936 Views on race. </dc:subject.lcsh>
33  <dc:subject.lcsh>Kipling, Rudyard, 1865-1936 Characters. </dc:subject.lcsh>
34  <dc:subject.lcsh>Intercultural communication in literature. </dc:subject.lcsh>
35  <dc:subject.lcsh>British India Historiography. </dc:subject.lcsh>
36  <dc:subject.lcsh>Culture conflict in literature. </dc:subject.lcsh>
37  <dc:subject.lcsh>Ethnic relations in literature. </dc:subject.lcsh>

```

- Crosswalking MARCXML to Dublin Core in XML

# Repurposing MARC Metadata

```

1 <?xml version="1.0"?>
2 <rdf:RDF xmlns:rdf="http://www.w3.org/1999/02/22-rdf-syntax-ns#" xmlns:dc="http://purl.org/dc/elements/1.1/">
3   <rdf:Description>
4     <dc:title>Wave motion in elastic solids</dc:title>
5     <dc:creator> Graff, Karl F. </dc:creator>
6     <dc:type>text</dc:type>
7     <dc:publisher>Columbus, Ohio State University Press</dc:publisher>
8     <dc:date>[1974]</dc:date>
9     <dc:language>eng</dc:language>
10    <dc:description>Includes bibliographical references.</dc:description>
11    <dc:subject>Solids.</dc:subject>
12    <dc:subject>Elastic waves.</dc:subject>
13  </rdf:Description>
14  <rdf:Description>
15    <dc:title>Genetics and biogenesis of mitochondria and chloroplasts.</dc:title>
16    <dc:creator> Biosciences Colloquium (1st : 1974 : Ohio State University) </dc:creator>
17    <dc:creator> Birky, C. William. </dc:creator>
18    <dc:creator> Perlman, Philip S., 1945- </dc:creator>
19    <dc:creator> Byers, Thomas J. </dc:creator>
20    <dc:type>text</dc:type>
21    <dc:publisher>Columbus : Ohio State University Press,</dc:publisher>
22    <dc:date>c1975.</dc:date>
23    <dc:language>eng</dc:language>
24    <dc:description>Includes bibliographies and index.</dc:description>
25    <dc:subject>Mitochondria</dc:subject>
26    <dc:subject>Chloroplasts</dc:subject>
27    <dc:subject>Genetics</dc:subject>
28    <dc:subject>Chloroplasts.</dc:subject>
29    <dc:subject>Mitochondria.</dc:subject>
30  </rdf:Description>
31  <rdf:Description>
32    <dc:title>Delinquents and nondelinquents in the Puerto Rican slum culture.</dc:title>
33    <dc:creator> Ferracuti, Franco. </dc:creator>
34    <dc:creator> Acosta de Brenes, Esperanza, joint author. </dc:creator>
35    <dc:creator> Dinitz, Simon, joint author. </dc:creator>
36    <dc:creator> University of Puerto Rico (Rio Piedras Campus). Social Science Research Center. </dc:creator>
37    <dc:creator> United Nations Social Defence Research Institute. </dc:creator>
38    <dc:type>text</dc:type>
39    <dc:publisher>Columbus : Ohio State University Press,</dc:publisher>
40    <dc:date>[1975]</dc:date>
41    <dc:language>eng</dc:language>
42    <dc:description>Includes index.</dc:description>
43    <dc:description>"A study conducted under the auspices of the Social Science Research Center of the University of Puerto Rico and the United Nations Social Defense Research Institute."</dc:description>
44    <dc:description>Bibliography: p. [241]-244.</dc:description>
45    <dc:subject>Boys.</dc:subject>
46    <dc:subject>Criminal behavior. Prediction of.</dc:subject>

```

- Crosswalking MARCXML to Dublin Core in RDF/XML

## Repurposing MARC Metadata

```

3 <!--record 1-->
4 <dc:title>Imperial subjects, imperial space : Rudyard Kipling's fiction of the native-born /</dc:title>
5 <dc:creator> McBratney, John, 1951- </dc:creator>
6 <dc:type>book</dc:type>
7 <dc:identifier.isbn>0814209092 (hardcover : alk. paper)</dc:identifier.isbn>
8 <dc:identifier.isbn>0814251013 (pbk. : alk. paper)</dc:identifier.isbn>
9 <dc:description.other>2002005529</dc:description.other>
10 <dc:publisher>Ohio State University Press,</dc:publisher>
11 <dc:date>c2002.</dc:date>
12 <dc:language>eng</dc:language>
13 <dc:description>xxvii, 224 p. : 24 cm.</dc:description>
14 <dc:description.tableofcontents> The writer as native-born -- Kipling and the discourses of race and nation -- Early versions of the
    native-born -- Kipling's fiction of "miscegenation" -- The jungle book -- Kim -- Puck of Pook's Hill and rewards and fables. </
    dc:description.tableofcontents>
15 <dc:description>Includes bibliographical references and index.</dc:description>
16 <dc:subject.lcsh>Kipling, Rudyard, 1865-1936 Views on imperialism.</dc:subject.lcsh>
17 <dc:subject.lcsh>Kipling, Rudyard, 1865-1936 Knowledge India.</dc:subject.lcsh>
18 <dc:subject.lcsh>Kipling, Rudyard, 1865-1936 Views on race.</dc:subject.lcsh>
19 <dc:subject.lcsh>Kipling, Rudyard, 1865-1936 Characters.</dc:subject.lcsh>
20 <dc:subject.lcsh>Intercultural communication in literature.</dc:subject.lcsh>
21 <dc:subject.lcsh>British -- India -- Historiography.</dc:subject.lcsh>
22 <dc:subject.lcsh>Culture conflict in literature.</dc:subject.lcsh>
23 <dc:subject.lcsh>Ethnic relations in literature.</dc:subject.lcsh>
24 <dc:subject.lcsh>Miscegenation in literature.</dc:subject.lcsh>
25 <dc:subject.lcsh>Imperialism in literature.</dc:subject.lcsh>
26 <dc:subject.lcsh>Ethnicity in literature.</dc:subject.lcsh>
27 <dc:subject.lcsh>Race in literature.</dc:subject.lcsh>
28 <dc:subject.lcsh>India -- In literature.</dc:subject.lcsh>
29
30 <!--record 2-->
31
32 <dc:title>Politics, persuasion, and pragmatism : a rhetoric of feminist utopian fiction /</dc:title>
33 <dc:creator> Peel, Ellen Susan.</dc:creator>
34 <dc:type>book</dc:type>
35 <dc:identifier.isbn>0814209106 (hard : alk. paper)</dc:identifier.isbn>
36 <dc:description.other>2002010389</dc:description.other>
37 <dc:publisher>Ohio State University Press,</dc:publisher>
38 <dc:date>2002.</dc:date>
39 <dc:language>eng</dc:language>
40 <dc:relation.ispartofseries> Theory and interpretation of narrative series. </dc:relation.ispartofseries>
41 <dc:description> xxvi, 227 p. : 24 cm. </dc:description>
42 <dc:description>Includes bibliographical references and index.</dc:description>
43 <dc:subject.lcsh>Utopias in literature.</dc:subject.lcsh>

```

- MARC ⇔ MARCXML ⇔  
Dublin Core in XML ⇔  
Community Specific Dublin  
Core using XSLT

# The Knowledge Bank in Other Contexts



## The Knowledge Bank in Google Scholar

The screenshot shows the Google Scholar interface. At the top, the Google Scholar logo is on the left, and navigation links (Web, Images, Video, News, Maps, more ») are in the center. A search bar with a 'Search' button is on the right. Below the navigation links, there are links for 'Advanced Scholar Search', 'Scholar Preferences', and 'Scholar Help'. A green header bar displays 'Scholar' on the left and 'Results 1 - 2 of 2. (0.08 seconds)' on the right. Two search results are listed, both for the PDF 'The Knowledge Bank: The Ohio State University's Institutional Repository' by Walsh, Maureen P. The first result is from 'MK Bank - dspace1.it.ohio-state.edu' and the second is from 'MK Bank - kb.osu.edu'. Both results show the same page content: 'Page 1. The Knowledge Bank: The Ohio State University's Institutional Repository', 'October 4, 2007 OSUL's Scholarly Resources Integration Department Meeting The Knowledge Bank: The Ohio State University's Institutional Repository ...', and links for 'View as HTML', 'Web Search', and 'Import into RefWorks'. Below the results, there is a green bar with a search bar and a 'Search' button. At the bottom, there are links for 'Google Home', 'About Google', and 'About Google Scholar', followed by the copyright notice '©2007 Google'.

## The Knowledge Bank in Google

The screenshot shows a Google search interface with the following elements:

- Navigation Bar:** Links for Web, Images, Video, News, Maps, Gmail, and more. A "Sign in" link is on the right.
- Search Bar:** Contains the text "Walsh, Maureen P." Institutional. A "Search" button and links for "Advanced Search" and "Preferences" are present.
- Results Header:** "Web" on the left and "Results 1 - 4 of 4 for 'Walsh, Maureen P.' Institutional. (0.10 seconds)" on the right.
- Search Results:**
  - Result 1:**

[The Knowledge Bank at OSU: Item 1811/29257](#)  
 Title:, The Ohio State University's **Institutional** Repository: How Policy Informs Practice.  
 Creators:, **Walsh, Maureen P.** Connell, Tschera Harkness ...  
<https://kb.osu.edu/dspace/handle/1811/29257> - 11k - [Cached](#) - [Similar pages](#)
  - Result 2:**

[The Knowledge Bank at OSU: Item 1811/29275](#)  
 Title:, The Knowledge Bank: The Ohio State University's **Institutional** Repository. Creators:,  
**Walsh, Maureen P.** Keywords:, Knowledge Bank **institutional** ...  
<https://dspace1.it.ohio-state.edu/dspace/handle/1811/29275> - 11k - [Cached](#) - [Similar pages](#)
  - Result 3:**

[The Knowledge Bank at OSU: Browse by Title](#)  
 4-Oct-2007, The Knowledge Bank: The Ohio State University's **Institutional** Repository,  
**Walsh, Maureen P.** 14-Apr-2003, Knowledge Management in Academic ...  
<https://dspace1.it.ohio-state.edu/dspace/browse-title?bottom=1811%2F5871> - 20k -  
[Cached](#) - [Similar pages](#)
- Footer:** A box with the text "Try [Google Desktop](#): search your computer as easily as you search the web."

# The Knowledge Bank in OpenDOAR

OpenDOAR

Directory of Open Access Repositories  
[Home](#) | [Find](#) | [Suggest](#) | [Tools](#) | [FAQ](#) | [About](#) | [Contact Us](#)

Search Repository Contents

This search facility is a trial service that uses Google's [Custom Search Engine](#).  
Please send us [feedback](#) on your experiences.

To search for open access *repositories* rather than their content, please use the [Find](#) page.


Results 1 - 10 for Byrd expedition. (0.18 seconds)

[The Knowledge Bank at OSU: Byrd Expedition Photo Albums](#)  
The Byrd Expedition Photo Albums contain more than 3500 images in 5 albums covering Richard E. Byrd's first and second expeditions to Antarctica in ...  
<https://kb.osu.edu/dspace/handle/1811/25246>

[The Knowledge Bank at OSU: Byrd Antarctic Expedition \(2nd: 1933 ...](#)  
The Byrd Expedition Photo Albums contain more than 3500 images in 5 albums covering Richard E. Byrd's first and second expeditions to Antarctica in ...  
<https://kb.osu.edu/dspace/handle/1811/25251>

[The Knowledge Bank at OSU: Byrd Antarctic Expedition \(1st: 1928 ...](#)  
The Byrd Expedition Photo Albums contain more than 3500 images in 5 albums covering Richard E. Byrd's first and second expeditions to Antarctica in ...  
<https://kb.osu.edu/dspace/handle/1811/25248>

[The Knowledge Bank at OSU: Byrd Antarctic Expedition \(1st: 1928 ...](#)  
The Byrd Expedition Photo Albums contain more than 3500 images in 5 albums covering Richard E. Byrd's first and second expeditions to Antarctica in ...  
<https://kb.osu.edu/dspace/handle/1811/25250>



## The Knowledge Bank in CIC Metadata Portal


The screenshot displays the CIC Metadata Portal interface. At the top, there is a search bar with the text "Search CIC Library Resources". Below this, there are navigation tabs: "Simple search", "Advanced search", "Browse collections", and "Project Details". The "Simple search" tab is selected. On the left side, there is a sidebar with the text "Results by Institution" and a dropdown menu showing "Ohio State University". Below this, it says "Ohio State University: Ohio State University Knowledge Bank 293 records". In the center, there is a "Sort by" dropdown menu set to "weighted hit frequency". On the right, there is a link "Next 10 Records". The main content area shows two records, "Record 1 of 293" and "Record 2 of 293". Each record is displayed in a table format with fields: Title, Author/Creator, Subject, Type, See also, and Collection.

Record 1 of 293	
Title	A Biological Control Model of a One-Link Neuromusculoskeletal Sagittal Arm
Author/Creator	Lucas, Michael; Hemami, Hooshang
Subject	Biomechanics; Control; Nonlinear Systems; Dynamical System
Type	Thesis & dissertation
See also	The Ohio State University. Department of Electrical and Computer Engineering Honors Theses; 2006
Collection	Ohio State University Knowledge Bank

Record 2 of 293	
Title	A Content Analysis of House and Garden Magazine Focusing on Environmental Responsibility and User Health and Safety Concerns Relative to Residential Interiors
Author/Creator	Nee, Justin; Zavotka, Susan
Subject	Design; Environmental; Sustainable; Green Design; content analysis; interior; health; safety
Type	Thesis & dissertation
See also	The Ohio State University. Department of Consumer Sciences Honors Theses; 2006
Collection	Ohio State University Knowledge Bank

# The Knowledge Bank in OAlster



[Home](#)
[Search](#)
[Help](#)
[About](#)
[Using OAlster](#)
[News](#)

**Results by Data Contributor**

Knowledge Bank at Ohio State University  
[1 record](#)

**Record 1 of 1**

[add to bookbag](#)

Title	<b>Engineering eggshells for carbon dioxide capture, hydrogen production, and as a collagen source</b>
Author/Creator	Vonder Haar, Theresa
Contributor	Fan, Liang-Shih
Publisher	The Ohio State University
Year	2007-05-18T18:16:30Z
Year	2007-06
Resource Type	Thesis
Resource Format	1167191 bytes, application/pdf
Language	English
Note	The burning of fossil fuels leads to greenhouse gas (GHG) emissions, like carbon dioxide (CO <sub>2</sub> ), which contribute to global warming. Current CO <sub>2</sub> mitigation practices comprise of: [a] separation, [b] transportation, and [c] sequestration. Presently CO <sub>2</sub> separation costs play a dominant role in the CO <sub>2</sub> management scheme. The focus of this investigation is to effectively utilize chicken eggshells, a bio-composite material rich in calcium, as a sorbent for CO <sub>2</sub> capture. The eggshells offer a unique combination of sorbent strength and reactivity while maintaining a low cost. The reaction mechanism consists of a series of carbonation-calcination reactions (CCR): calcium oxide (CaO) reacts with CO <sub>2</sub> forming calcium carbonate (CaCO <sub>3</sub> ), then calcining the shell forms a pure CO <sub>2</sub> stream and regenerates CaO. Taking advantage of the eggshell's capacity to capture CO <sub>2</sub> , can also lead to enhanced hydrogen (H <sub>2</sub> ) production at high temperatures in a coal gasification process. Treating the eggshell with acetic acid at low concentrations not only facilitates membrane removal, but also shows an increase in the eggshell reactivity, which leads to increased CO <sub>2</sub> capture as well as improved H <sub>2</sub> production. In addition, the membrane contains collagen which is used in skin grafting, cornea repair, osteoporosis treatment, and other medical and surgical procedures. Overall, this study focuses on potential of treated eggshells as calcium-based sorbents for CO <sub>2</sub> capture and H <sub>2</sub> production and as source of collagen. Data shows that eggshells treated with acetic acid, not only enhances membrane removal from the shell but also leads to increased reactivity over multiple CCR cycles. The 2 molar 15 minute treated eggshell sample shows the highest capture capacity over time. Using eggshell as a sorbent for H <sub>2</sub> production shows that 100% conversion of CO to H <sub>2</sub> can be achieved. Advisor: LS Fan (Proprietary: Iyer M. V. and Fan. L-S "High Temperature CO <sub>2</sub> Capture Using Engineered Eggshells" U.S. Patent Application No. 11/384,011 (March 2006))
Note	College of Engineering (Funding for 2006-2007 academic year for Honors Undergraduate Research Proposal)
Note	The Ohio State University. Department of Chemical and Biomolecular Engineering Honors Theses; 2007
Subject	carbon dioxide; hydrogen; eggshell; collagen
URL	<a href="http://hdl.handle.net/1811/25099">http://hdl.handle.net/1811/25099</a>
Data Contributor	<b>Knowledge Bank</b> at Ohio State University (OSU)

# Shareable Metadata?

# Can You Name This Harvested Resource?



The screenshot shows the OAlster digital repository interface. The header features the OAlster logo with the tagline "...find the pearls" and a navigation menu with links: Home, Search, Help, About, Using OAlster, and News. On the left, a sidebar identifies the "Knowledge Bank at Ohio State University (OSU)" and indicates "1 record". The main content area displays "Record 1 of 1" with a link to "add to bookbag". Below this, a table lists the metadata for the record:

Title	October 17, 2006
Publisher	Ohio State University Libraries
Year	2007-06-11T21:17:29Z
Year	2006-10-17
Resource Type	Newsletter
Resource Format	46780 bytes, application/pdf
Language	English
Subject	Ohio State University. Libraries.
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**Issue Date:** 17-Oct-2006

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Year	2006-10-17
Resource Type	Newsletter
Resource Format	46780 bytes, application/pdf
Language	English
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Please use this identifier to cite or link to this item: <http://hdl.handle.net/1811/28942>

**Title:** Subjectivity and Nation: The Construction of Self in I Saw Ramallah and Passage to Dusk

**Creators:** Kim, Philip

**Advisor:** Berman, Nina

**Issue Date:** Aug-2007

**Abstract:** The subjective nature of the construction of the self allows for the two texts which I critique, I Saw Ramallah and Passage to Dusk, to resist notions of an objective nation which imposes standards and norms ultimately resulting in conflicts of difference.

**Requested Embargo?:** No embargo

**Series/Report No :** The Ohio State University. Department of Comparative Studies Honors Theses; 2007

**Keywords:** nation  
theory  
self  
subjectivity

**URI:** <http://hdl.handle.net/1811/28942>

**Appears in Collections:** [Arts and Sciences](#)

# Preservation

# Levels of Digital Preservation

- **Bit preservation:** ensures that a file remains exactly the same over time
- **Functional preservation:** the file *does* change over time so that the material continues to be immediately usable in the same way it was originally

## Knowledge Bank Levels of Format Preservation

- **Supported** formats will be functionally preserved using either format migration or emulation techniques
- **Known** formats are those that we can't promise to preserve, such as proprietary or binary formats, but for which migration tools will likely emerge
- **Unsupported** formats are those that we don't know enough about to do any sort of functional preservation



# Knowledge Bank File Format Support

- We will preserve all bitstreams as-is and allow them to be retrieved
- We will recognize as many file formats as possible
- We will support as many known file formats as possible


# Knowledge Bank Format Preservation


- For all three levels (supported, known, unsupported) DSpace does bit-level preservation
- The Knowledge Bank attempts to keep the percentage of supported format material as high as possible
- The Knowledge Bank continually monitors formats and techniques to ensure we can accommodate needs as they arise

# Knowledge Bank Bitstream Format Registry

MIME Type	Description	Extension	Level	MIME Type	Description	Extension	Level
application/marc	MARC	marc, mrc	supported	audio/x-aiff	AIFF	aiff, aif, aifc	supported
application/mathematica	Mathematica	ma	known	audio/basic	audio/basic	au, snd	known
application/msword	Microsoft Word	doc	known	audio/x-mpeg	MPEG Audio	mpa, abs, mpeg	known
application/octet-stream	Unknown	(anything not listed)	unsupported	audio/x-pn-realaudio	RealAudio	ra, ram	known
application/ogg	Ogg Media Type	ogg, OggS	known	audio/x-wav	WAV	wav	known
application/pdf	Adobe PDF	pdf	supported	image/gif	GIF	gif	supported
application/postscript	Postscript	ps, eps, ai	supported	image/jpeg	JPEG	jpeg, jpg	supported
application/sgml	SGML	sgm, sgml	known	image/png	PNG	png	supported
application/vnd.ms-excel	Microsoft Excel	xls	known	image/tiff	TIFF	tiff, tif	supported
application/vnd.ms-powerpoint	Microsoft Powerpoint	ppt	known	image/x-ms-bmp	BMP	bmp	known
application/vnd.ms-project	Microsoft Project	mpp, mpx, mpd	known	image/x-photo-cd	Photo CD	pcd	known
application/vnd.visio	Microsoft Visio	vsd	known	text/html	HTML	html, htm	supported
application/wordperfect5.1	WordPerfect	wpd	known	text/plain	Text	txt	supported
application/x-dvi	TeXdvi	dvi	known	text/richtext	Rich Text Format	rtf	supported
application/x-filemaker	FMP3	fm	known	text/xml	XML	xml	supported
application/x-latex	LateX	latex	known	video/mpeg	MPEG	mpeg, mpg, mpe	known
application/x-photoshop	Photoshop	psd, pdd	known	video/quicktime	Video Quicktime	mov, qt	known
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<input type="radio"/>	<a href="#">OHIODIG Presentation.xps</a>	55603 bytes	None <a href="#">Change</a>	XPS ( <a href="#">unsupported</a> ) <a href="#">Change</a>	<a href="#">Remove</a>

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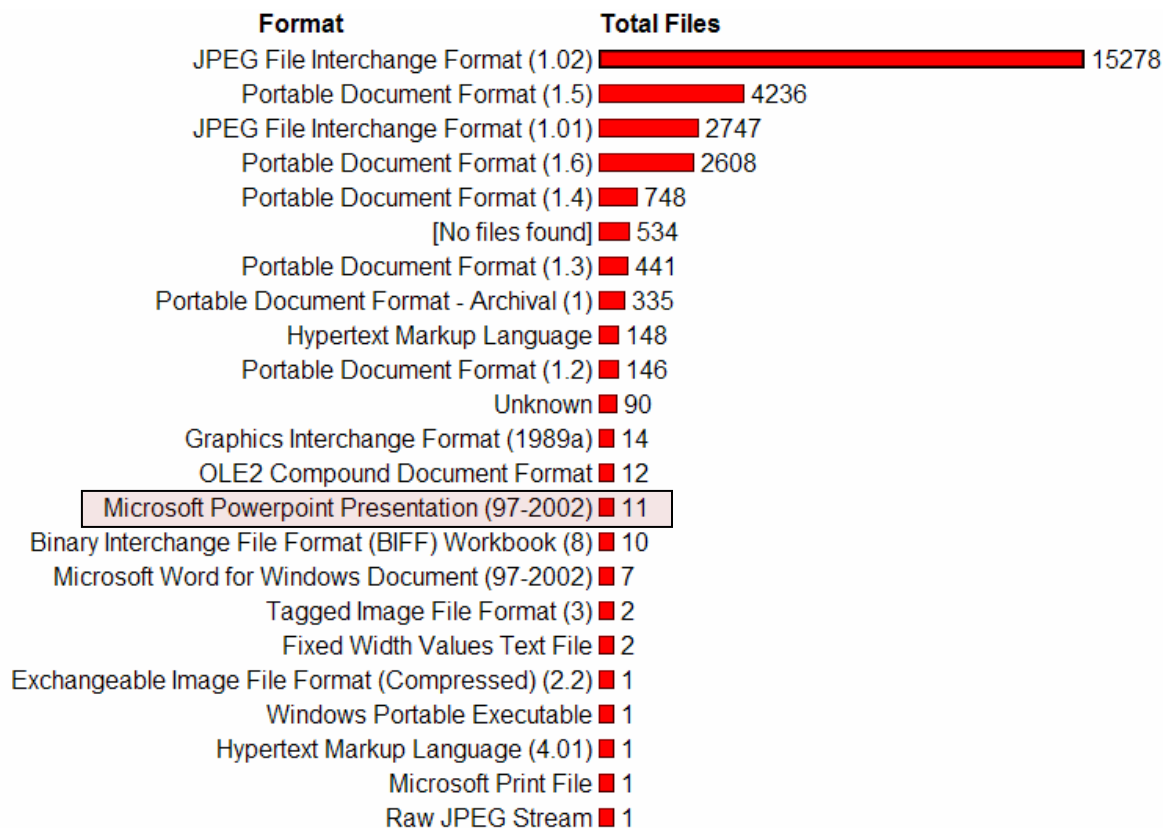
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## Non-Supported Files in the KB – MS PPT

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Record Identifier	URL	Date
<a href="#">oai:kb.osu.edu:1811/150</a>	<a href="#">/dspace/bitstream/1811/150/2/Tull_wilsworld.ppt</a>	2006-05-14 16:53:16
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<a href="#">oai:kb.osu.edu:1811/270</a>	<a href="#">/dspace/bitstream/1811/270/5/ALAO_workshop.ppt</a>	<b>2006-05-14 16:53:22</b>
	<a href="#">/dspace/bitstream/1811/270/2/LO_activity.pdf</a>	2006-05-14 16:53:22
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<a href="#">oai:kb.osu.edu:1811/682</a>	<a href="#">/dspace/bitstream/1811/682/1/ALAO-TSIG20050304.ppt</a>	2006-05-14 16:53:42
<a href="#">oai:kb.osu.edu:1811/683</a>	<a href="#">/dspace/bitstream/1811/683/1/ALAO+Presentation.ppt</a>	2006-05-14 16:53:42
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	<a href="#">/dspace/bitstream/1811/6024/5/Lewis-kbdirect.html</a>	2006-05-14 16:57:43
	Hypertext Markup Language	
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<a href="#">oai:kb.osu.edu:1811/24793</a>	<a href="#">...tream/1811/24793/1/CIL07_black_kilzer_final.ppt</a>	2007-04-17 17:59:51
<a href="#">oai:kb.osu.edu:1811/24817</a>	<a href="#">...1/Creating+Online+Tutorials+%28w+Chinese%29.ppt</a>	<b>2007-04-25 06:07:17</b>
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<input type="radio"/>	<a href="#">OHIODIG Presentation.ppt</a>	387072 bytes	None <a href="#">Change</a>	Microsoft Powerpoint (known) <a href="#">Change</a>	4378754a998be64b06b322e42438e23c (MD5)	<a href="#">Remove</a>
<input type="radio"/>	<a href="#">OHIODIG Presentation.xps</a>	55603 bytes	None <a href="#">Change</a>	XPS (unsupported) <a href="#">Change</a>	5865a8582f34ef77fff339e1516ab2ac (MD5)	<a href="#">Remove</a>

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